

Created by MyCRM Ltd

# eNumber 2016

## User Guide

## Introduction

eNumber for Dynamics CRM 2016 and Dynamics 365 for Sales provides a significant enhancement by providing the ability to be able to create Auto Numbers and Auto Names that automatically populate fields within CRM records.

*It's not just a number thing...*

eNumber is much more than generating the next available number to pre-populate the field.

With eNumber you don't even have to generate an Auto Number as part of the result, the flexibility is there to allow you to choose your outcome.

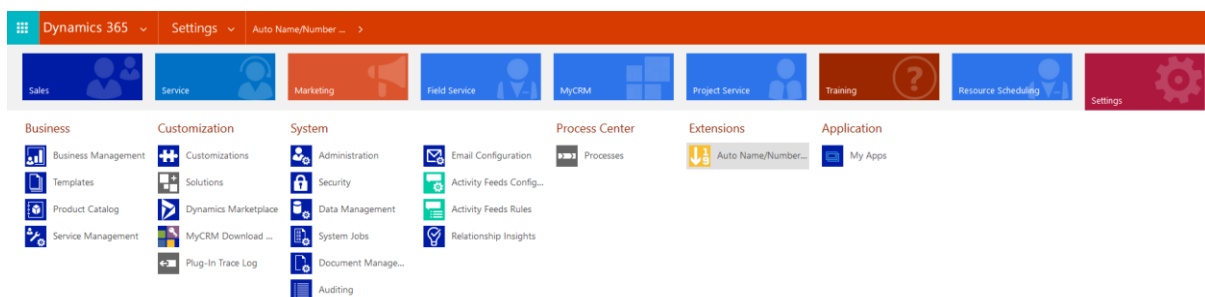
After reading through this guide you should become very familiar with how to use eNumber and gain an insight into the many possibilities that are available when using eNumber.

## Installation

If you have not already done so, get a trial of eNumber from our Download Centre and follow the instructions there. <https://downloads.mycrmgroup.com/Products/2016/eNumber/get-trial>

First, you will need to download and manually install our Download Centre Application (all the instructions are in the link above). This solution allows you to install and licence any of our products available for your version of CRM.

Once eNumber is installed, the “Auto Name/Number Rules” entity will be available under **Settings**



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## Rule Types

You can create three different type of eNumber Rules.

### Single Entity Name/Number

This is the main type of Rule you will use in eNumber. It is used for creating a rule against a single entity that will run when a record is created and optionally when updated.

### Business Process Entity Name/Number

Business Process rules are for use in Business Processes (Workflows) only and as such, will not run on the normal create and update of a record as you would with a Single Entity rule. Instead, the rule will run as part of a workflow where certain conditions you define will need to be met before the rule is run.

The Business Process rule is created in exactly the same way as the Single Entity rule; the only difference is that you will not be able to target attributes that are only available for a Create message, as the Business Process rule will be updating the record. An example of this would be the attribute "Case Number" (ticketnumber) on the Case entity.

### Global Number

The Global Number rule type is used as a holding record to hold the Next Number in the sequence. Global Numbers are used for generating a unique number across multiple entity types. For example if you wanted to have a unique number for your Customers, whether they are an Account, a Contact or a Lead, then you would use a Global Number rule type to hold this value. You can then use this Global Number rule in your other rules. An example of this will be available later in the document.

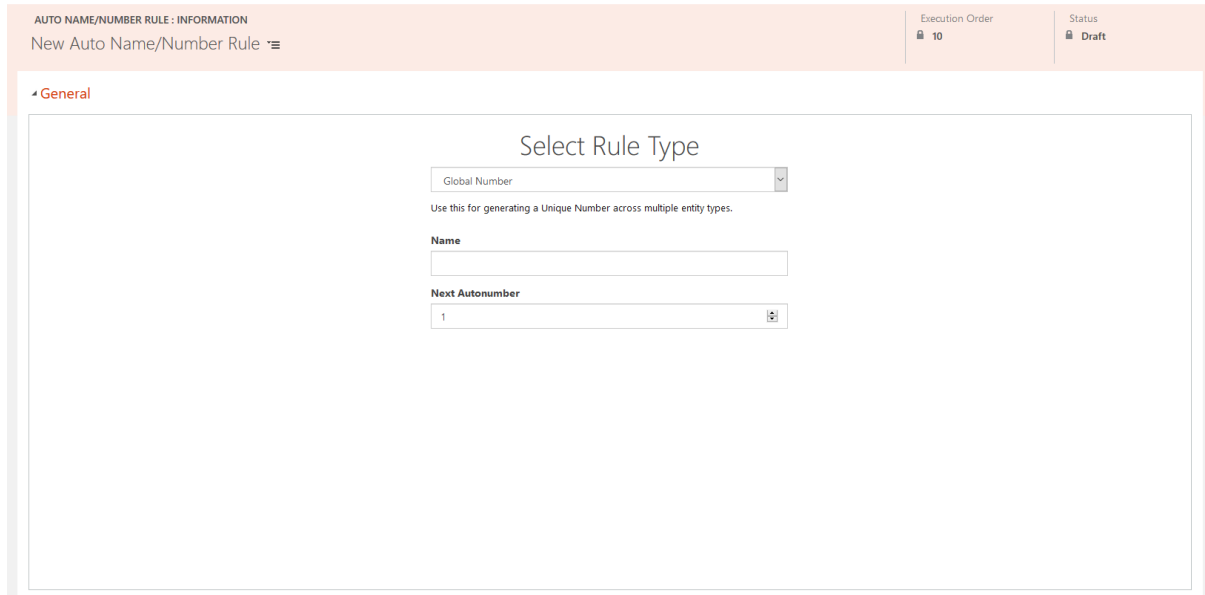


## Creating a new Rule

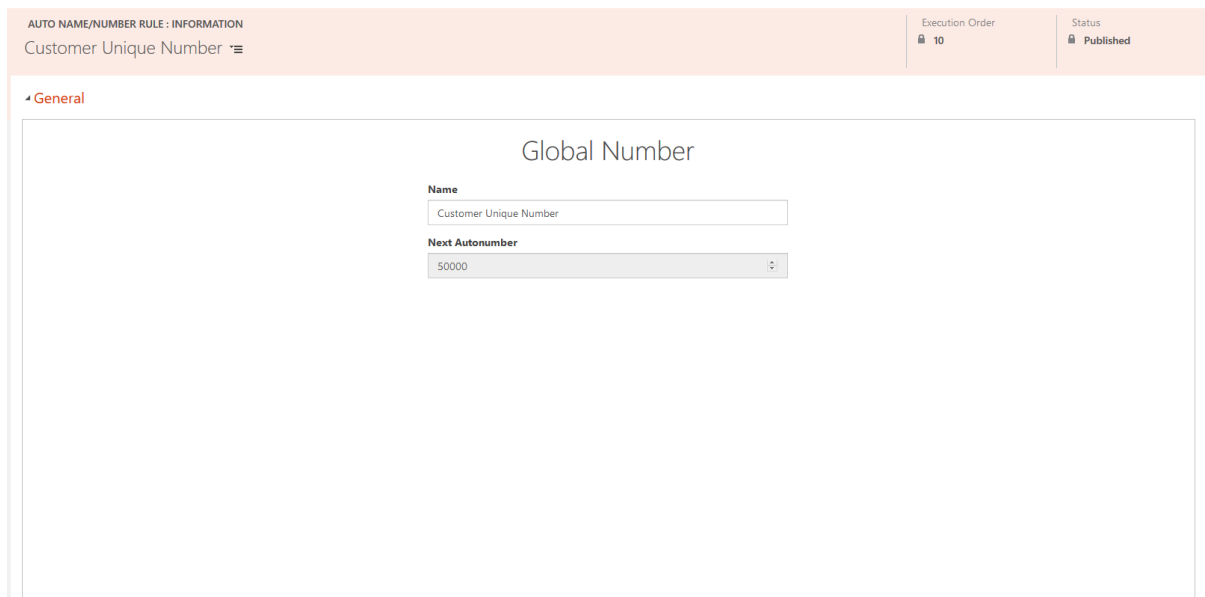
When creating a new Rule the first thing you will need to do is select the Rule Type.

### Global Number

To create a Global Number you need to enter a **Name**, which can be used later when adding a Global Number Rule Part to other Auto Name/Number Rules, and the **Next Autonumber** to be used.

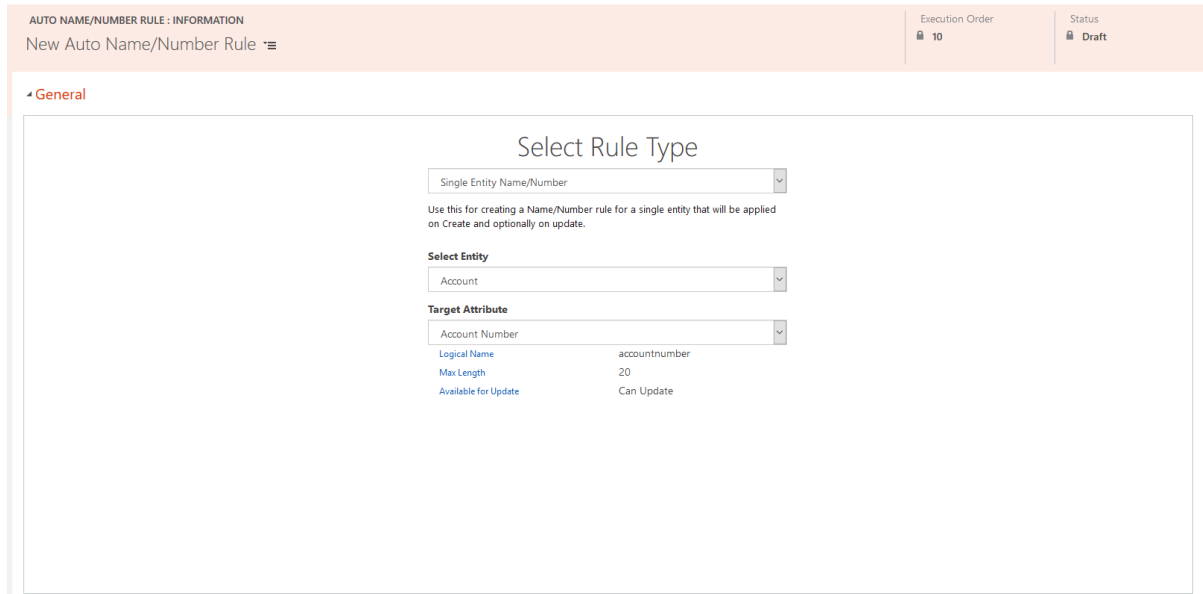


Once filled out, click **Save** from the command bar. This is all that is required when setting up a Global Number Rule and once saved the Rule will automatically be published.



## Single Entity Name/Number

To create a Single Entity Name/Number rule, create a new **Auto Name/Number Rule** by clicking on the **NEW** command bar button and then ensuring that the Rule Type “Single Entity Name/Number” is selected.



Next, select the **Entity** you want the rule to run against. Once selected, the **Target Attribute** dropdown control is populated with the available fields that you can save the result of your **rule** to. Please note these will only be those of type **String**/text, as the result of running the rule will only produce a string output.

After selecting your **Target Attribute**, some useful details about the attribute are displayed.

- **Logical Name** – This is the logical name of the attribute, which will never change in CRM, whereas the Display Name is changeable.
- **Max Length** – This is the maximum number of characters that can be saved into the attribute. This may be customisable in case you have a need to change to this.
- **Available for Update** – This will show whether the attribute can be updated. For most cases you can update the field, but for others like Case Number on the Case entity you can only populate the field during the Create of the record. If this is the case, you will only ever be able to run the rule on Create and will not be able to use in a Business Process rule.

Once the chosen **Entity** and **Target Attribute** has been selected, save the rule using the **SAVE** button on the command bar.

**NOTE:** Once the rule has saved you will not be able to change the Entity and Target Attribute.

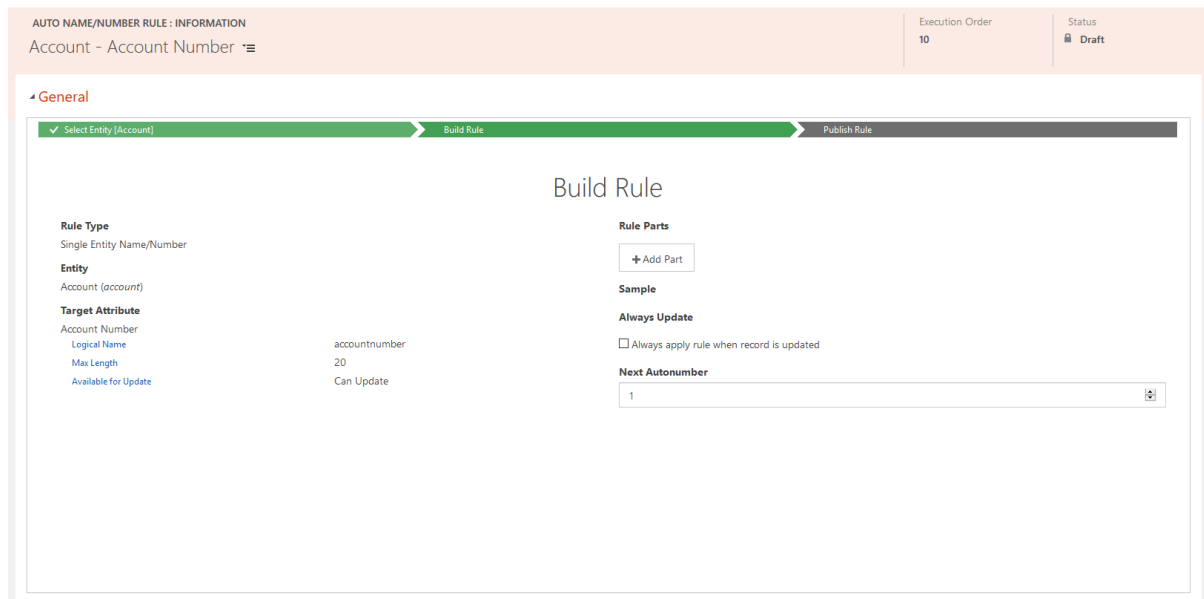
## Business Process Entity Name/Number

The process is identical to the Single Entity Name/Number as described above. The only noteworthy difference is that you will not be able to create the rule when the **Target Attribute** is available only for the Create of the record.

## Building a Rule

Please Note this is not applicable to Global Number rules.

Once you have saved a new rule the page will refresh and show you the **Build Rule** screen as below.



On the left side of the screenshot is the information we have already selected and saved: - the **Rule Type**, the **Entity** and the **Target Attribute** along with the additional information about it.

On the right side of the screenshot is the area where we build our rules.

To build our rules we add **Rule Parts**, which combine in sequence to generate the desired output that saves to our **Target Attribute**.

To add new Rule Parts, click on the Add Part button as shown below.

## Build Rule

### Name Parts

+ Add Part

### Sample

### Always Update

☐ Always apply rule when record is updated

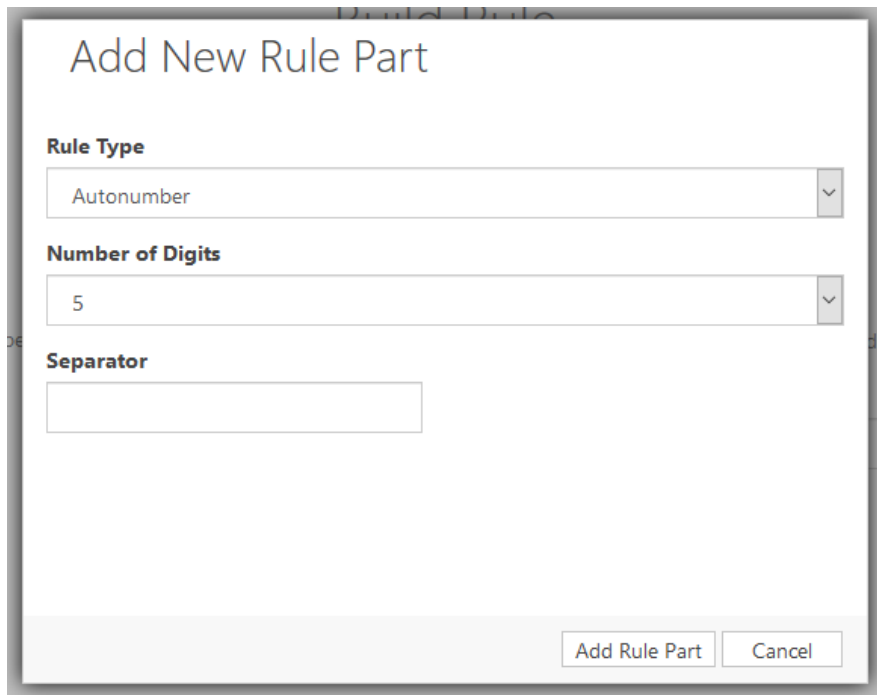
### Next Autonumber

1

## Rule Parts

Rule Parts can be one of the following types:

### Autonumber



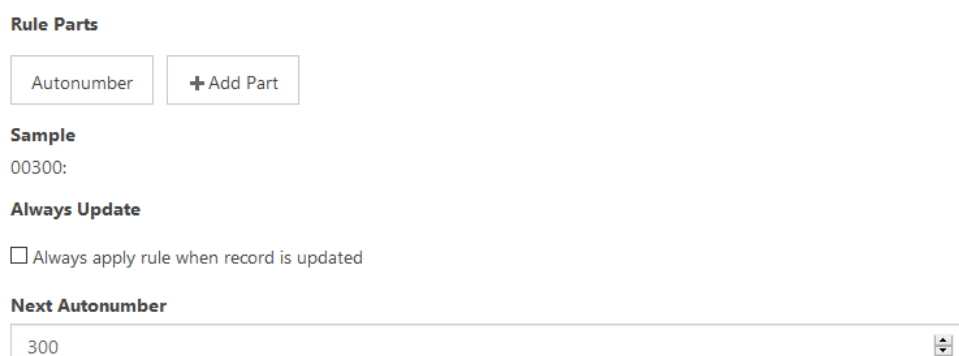
The **Autonumber** Rule Type outputs the **Next Autonumber** as a string with '0' padding to the **Number of Digits** selected. For example:

Next Autonumber	Number of Digits	Output
1	5	00001
4321	3	4321
10	3	010

**Separator** : The Separator allows you to enter one or more characters of text to separate this Rule Part with the next.

*Example of Autonumber Rule Part with colon ':' as the separator*

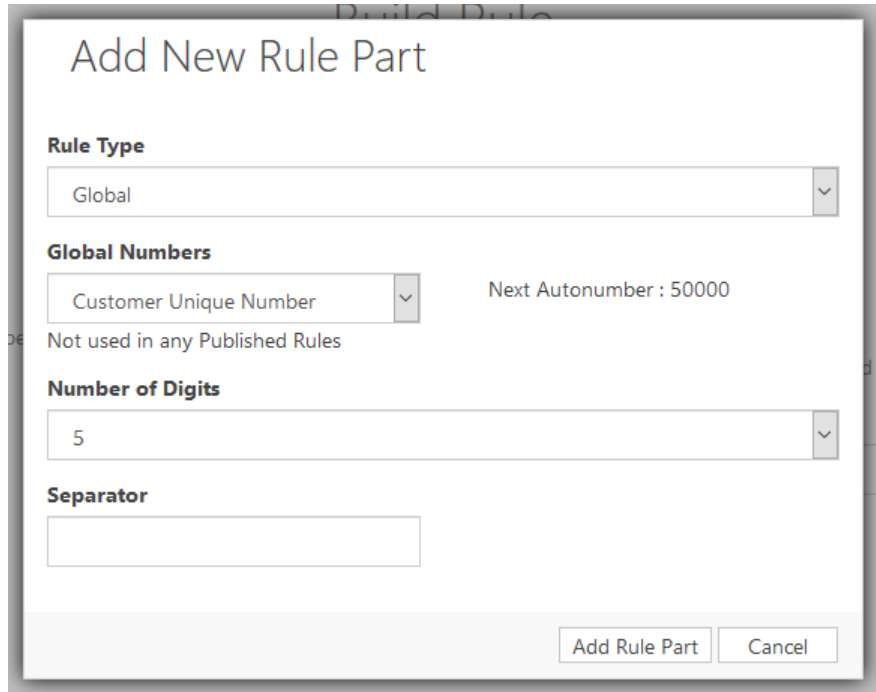
## Build Rule





## Global

The **Global** Rule Type is used in the same way as the normal Autonumber Rule Part with the difference being the **Next Autonumber** used comes from our **Global Rule** instead of the current Auto Name/Number Rule.

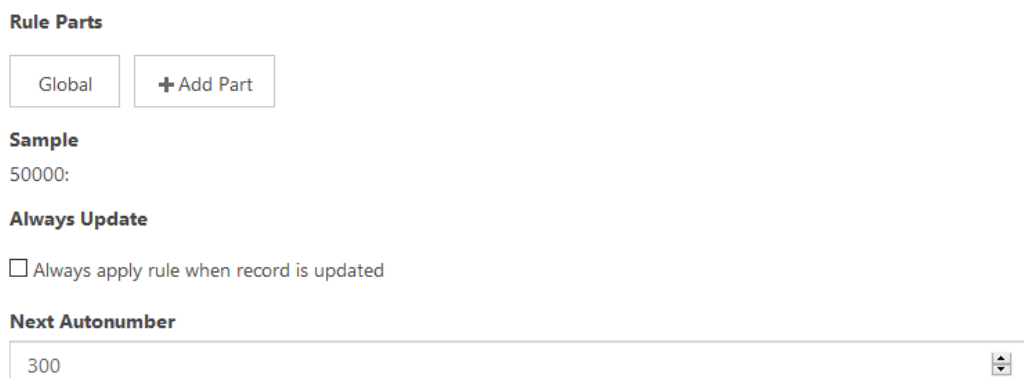


When the **Global** Rule Type is selected, the list of Global Numbers is shown. Here you can select any of the Global Number rules.

It will display how many, if any, Published Rules (Single Entity/Business Process) the Global Number rule is used in.

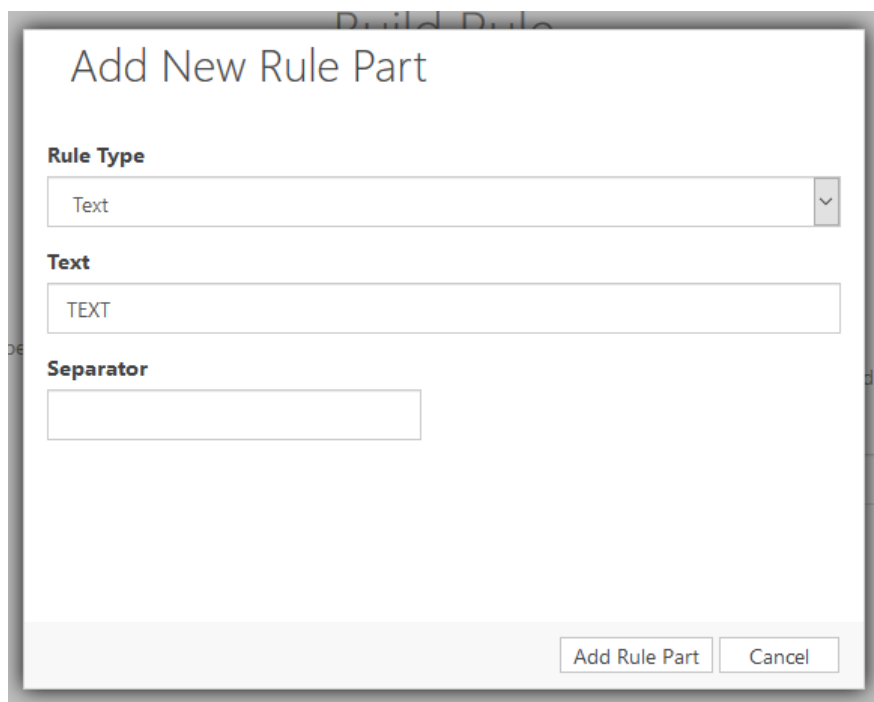
It will also display the Next Autonumber for the Global Number rule.

## Build Rule



## Text

The **Text** Rule Type inserts whatever text entered in the **Text** field into your Rule.



**Add New Rule Part**

**Rule Type**  
Text

**Text**  
TEXT

**Separator**

Add Rule Part Cancel

The following shows the Text rule part added to the previous Global rule part.

## Build Rule

### Rule Parts

Global Text + Add Part

### Sample

50000:TEXT

### Always Update

☐ Always apply rule when record is updated

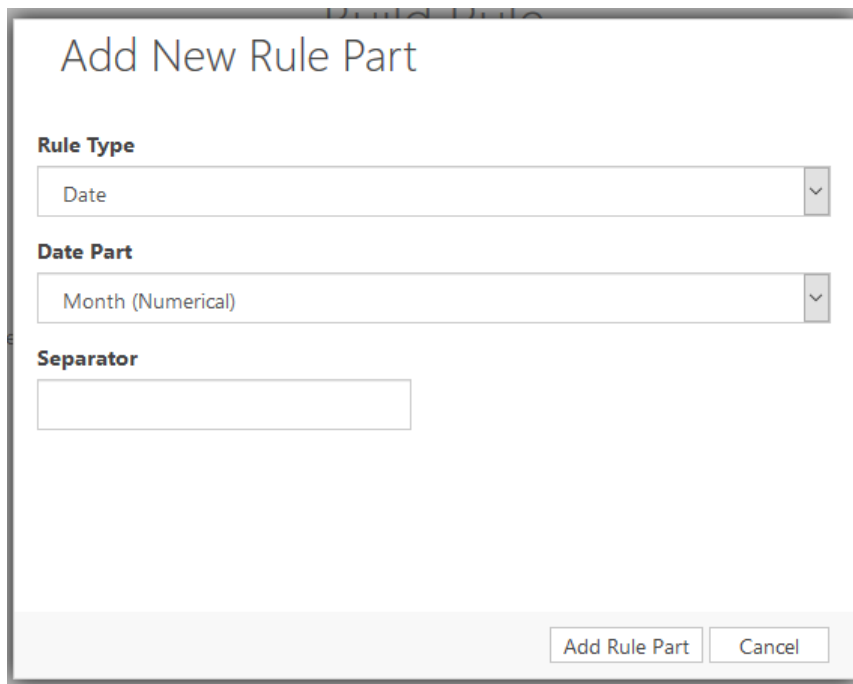
### Next Autonumber

300

## Date

The **Date** Rule Type inserts the current date in a variety of formats. These are

- Day (Numerical) – This displays the day portion of the date in the two-digit date format, for the first of the month it will show **01**.
- Day (Short Text) – This displays the day portion of the date in the short text format, so for Monday it would display **MON**.
- Month (Numerical) – This display the month portion of the date in the two-digit date format, for March it would display **03**.
- Month (Short Text) – This displays the month portion of the date in the short text format, so for March it would display **MAR**.
- Year – This displays the year portion of the date in the four-digit format, for example **2017**.

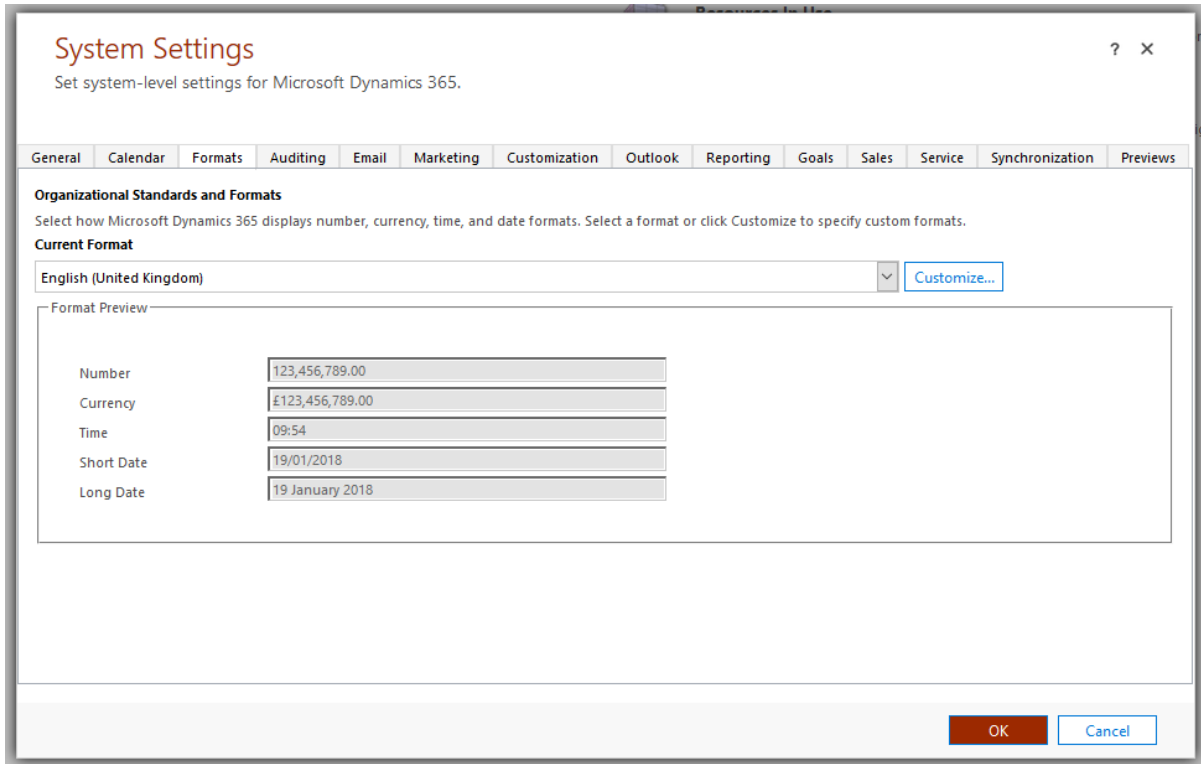


**TIP** – If you want the full date just build up multiple Date Part Rules.

The date will be formatted according to the Organisations Current Format found in **Settings** -> **Administration** -> **System Settings** as the screenshot on the next page shows.

If for example you use the **Swedish (Sweden)** format then the **Day (Short Text)** would return **FRE**.

Please Note: The Sample is generated client side and therefore uses your browsers language to render the sample.



**System Settings**  
Set system-level settings for Microsoft Dynamics 365.

General | Calendar | **Formats** | Auditing | Email | Marketing | Customization | Outlook | Reporting | Goals | Sales | Service | Synchronization | Previews

**Organizational Standards and Formats**  
Select how Microsoft Dynamics 365 displays number, currency, time, and date formats. Select a format or click Customize to specify custom formats.

**Current Format**  
English (United Kingdom) [Customize...](#)

**Format Preview**

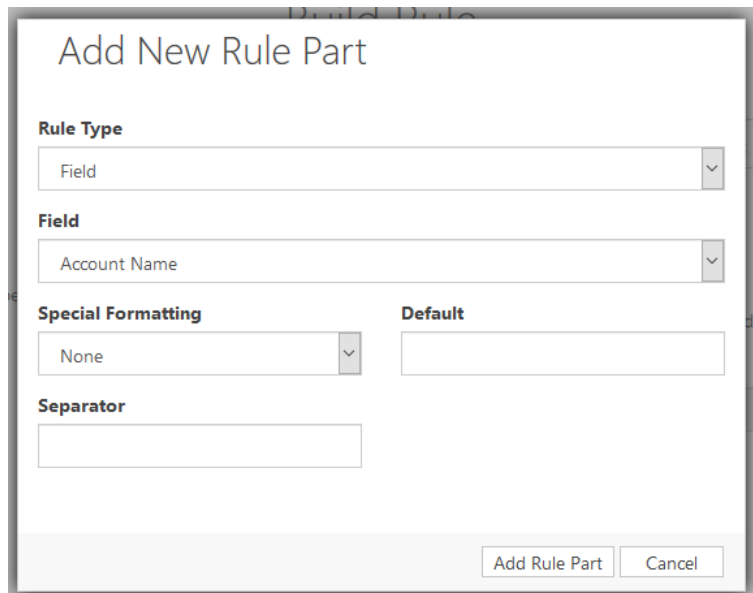
Number	123,456,789.00
Currency	£123,456,789.00
Time	09:54
Short Date	19/01/2018
Long Date	19 January 2018

OK Cancel

*Shows the System Setting Format screen.*

## Field

The **Field** Rule Type allows you to populate data from the entity the Rule runs against. Depending on the Field type, there are Formatting options available.



**Add New Rule Part**

**Rule Type**  
Field

**Field**  
Account Name

**Special Formatting**  
None

**Default**

**Separator**

Add Rule Part Cancel

Either the data for the field will be from the values available when the record is created/updated or if not available, it will look up the current value. If the record does not contain any data then it can use the optionally entered text in the **Default** field.

## Formatting Options

None

Returns the text as entered. If the Field type is not a string, it returns the value as a string representation. For types, such as OptionSets, that have "Labels" then the Label text returns.

### OptionSet Example:

	Value	Label	Result
0		DHL	DHL
1		Royal Mail	Royal Mail

Upper Case

Returns the text converted to upper case.

### Example:

Bang -> BANG

Integer Value

Returns the Integer value of type that contain Labels and values, such as OptionSets.

### OptionSet Example:

	Value	Label	Result
0		DHL	0
1		Royal Mail	1

Initials from Name

Returns the capitalised Initials of a Lookup or Owner field.

### Example:

James Dunstin -> JD

Jacks Motorcycle Club -> JMC

#### Day (Numerical)

*Applicable to Date and Time fields, displays the day portion of the date in the two-digit date format.*

**Example:**

25/12/2018	->	25
01/01/2012	->	01

#### Day (Short Text)

*Applicable to Date and Time fields, displays the day portion of the date in the short text format.*

**Example:**

25/12/2018	->	TUE
01/01/2012	->	SUN

#### Month (Numerical)

*Applicable to Date and Time fields, display the month portion of the date in the two-digit date format.*

**Example:**

25/12/2018	->	12
01/01/2012	->	01

#### Month (Short Text)

*Applicable to Date and Time fields, displays the month portion of the date in the short text format.*

**Example:**

25/12/2018	->	DEC
01/01/2012	-	JAN



Year

Applicable to Date and Time fields, displays the year portion of the date in the four-digit format

Example:

25/12/2018 -> 2018

01/01/2012 -> 2012

Field Type	None	Upper Case	Integer Value	Initials From Name	Date Formats
Single Line of Text	X	X			
Option Set	X	X	X		
Two Options	X	X	X		
Whole Number	X				
Floating Point Number	X				
Decimal Number	X				
Currency	X				
Date and Time	X				X
Lookup	X	X		X	
Customer	X	X		X	
Status	X	X	X		
Status Reason	X	X	X		
Owner	X	X		X	

Please Note; for Field Types that have **Localised Labels** such as Option Set, Two Options, Status and Status Reasons, when returning the string values the value returned will be in the base language of CRM and not the user's language.

## Always Update

Tick this box to ensure the rule runs every time the entity record updates. Useful for creating name rules that consist of rule parts that update often. If you have specific conditions and triggers, create a Business Process Entity Name/Number Rule to ensure the rule runs only when required. Examples are available later in the document.

Please Note; if the **Target Attribute's Available for Update** setting is **Create Only** this option will not be available.

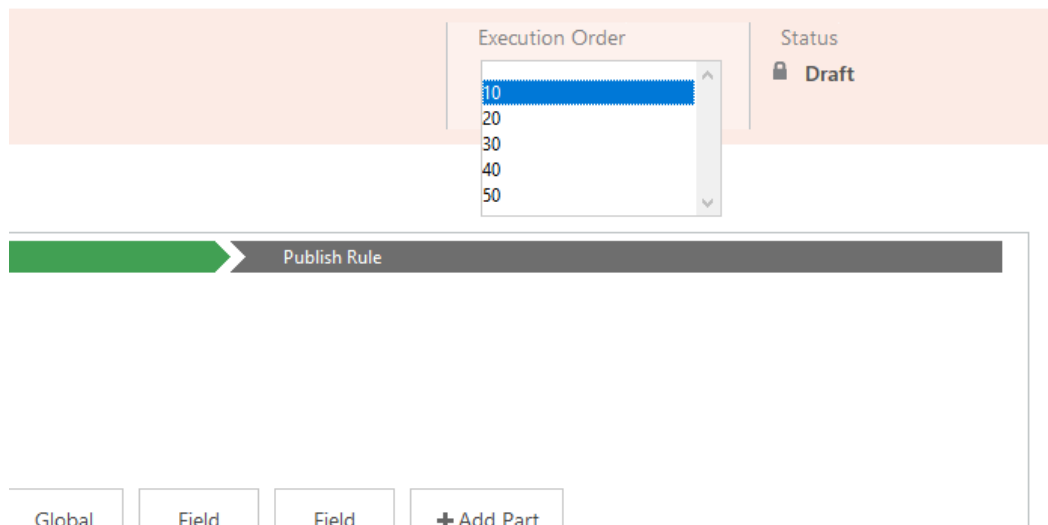
## Execution Order

The Execution Order determine which order the rules execute. This is useful when in the situation that you have multiple rules executing against the same entity and it is import that one rule is required to execute before another.

An example of this would be if you wanted to create a unique number for an Account record, but then wanted to use that unique number in another rule to generate an account reference. If you wanted the Account Reference Number to be AC3000/JH/2018 where **AC** represents that the customer is an Account record, the **3000** represents the customers unique number, **JH** represents the initials of the Owner of the record and **2018** represents the year the account was created. Although a perfectly valid Account Reference Number, if the owner of the account record changes and you wanted to update the customer's Account Reference Number to reflect this, you would still want the customer unique number to remain **3000** and only change the initials of the Owner. To do this, you would need to store the customer unique number in one field in your first rule and then in the second rule you would use this value as a **Field Rule Part**. For this to work correctly you would need to ensure that the customer unique number was generated and stored in the field before it was used in the next rule. For us to achieve this we need to use the Execution Order.

By default, the **Execution Order** value is 10.

To change the **Execution Order** the Auto Name/Number Rule needs to be in Draft mode and set the Execution Order to a higher value from the options available.



Please note; Execution Order only applies to **Single Entity Name/Number** rules and will execute in order from lowest first.



## Next Autonumber

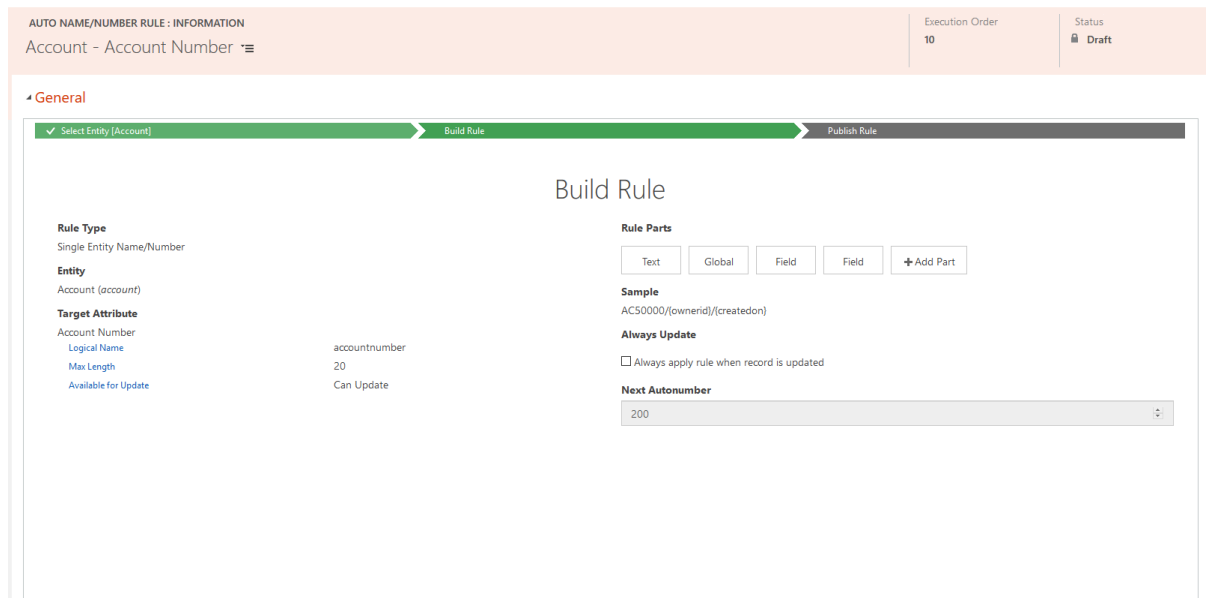
The Next Autonumber text box allows you to set what the next number will be for any **Autonumber** Rule Part used in the rule. Until the rule is published, you can change this to any whole number between 0 and 2,147,483,647.

Please ensure you leave enough numbers for this to increment by. For example, if you set the value to 2,147,483,647 the next number 2,147,483,648 would be outside CRM's Maximum Value and would error when trying to update.

Once the rule has been published, the **Next Autonumber** field is disabled on the form.

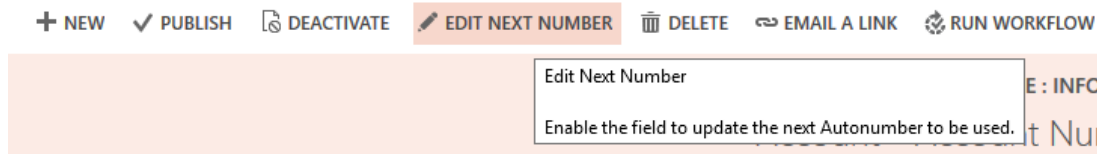
## Editing the next Autonumber

In order to edit the **Next Autonumber** you must first **Unpublish** the Rule so its Status is **Draft**.



The screenshot shows the 'Build Rule' interface for 'Account - Account Number'. The rule is in 'Draft' status. The 'Next Autonumber' field is disabled and shows the value '200'. The interface includes a 'General' tab, a 'Rule Type' section, and a 'Rule Parts' section.

The image above shows a screenshot of a rule that is in **Draft** but has been previously **Published**. The Next Autonumber field is disabled and you cannot change it.



The screenshot shows the Command Bar with buttons for '+ NEW', '✓ PUBLISH', 'DEACTIVATE', 'EDIT NEXT NUMBER', 'DELETE', 'EMAIL A LINK', and 'RUN WORKFLOW'. The 'EDIT NEXT NUMBER' button is highlighted. A tooltip is displayed over the button with the text: 'Edit Next Number' and 'Enable the field to update the next Autonumber to be used.'

The Command Bar, shown above, will now have a new button **EDIT NEXT NUMBER** that you can use to enable the Next Autonumber field on the form allowing it to be changed.

A warning is displayed before enabling the field.

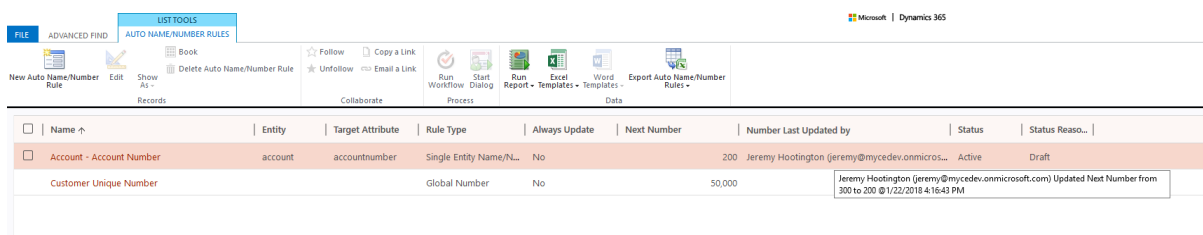
Once the record has been saved the Next Autonumber field will once again be disabled and you will need to repeat the process to make the change again.

## Auditing the next Autonumber

Most fields for the Auto Name/Number Rule entity are enabled for auditing, so if auditing is enabled you can see when changes have been made to the rule.

However, because the field **Next Autonumber** will be incremented every time it is used, auditing is not available for this field.

It is useful though to have an audit of when this field is changed manually, for this reason, when the **Next Autonumber** field is changed manually (once the rule has already been published) an audit log will be kept in a field called “Number Last Updated by” on the Auto Name/Number Rule record. You can add this field into Advanced Find to see the contents.

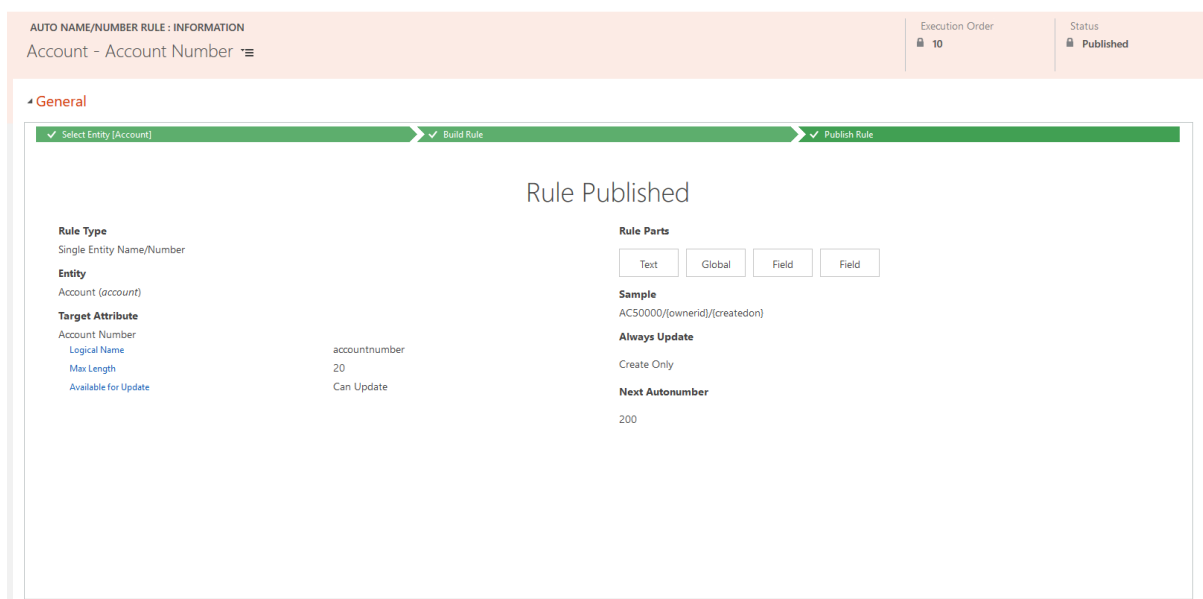


Name	Entity	Target Attribute	Rule Type	Always Update	Next Number	Number Last Updated by	Status	Status Reason
Account - Account Number	account	accountnumber	Single Entity Name/NL	No	200	Jeremy Hootington (jeremy@mycedev.onmicrosoft.com)	Active	Draft
Customer Unique Number			Global Number	No	50,000	Jeremy Hootington (jeremy@mycedev.onmicrosoft.com) Updated Next Number from 300 to 200 @ 1/22/2018 4:16:43 PM		

## Publishing a Rule

An Auto Name/Number Rule will not run against a record unless first published. Auto Name/Number Rules can only be published from the form. If not already on the form, you will need to open or edit the record to enable the **Publish** command bar button.

Please note; you will not be able to publish the form if no Rule Parts have yet been added or if the form is **dirty** (needs a pending save to be actioned).



**AUTO NAME/NUMBER RULE : INFORMATION**  
Account - Account Number

Execution Order: 10 | Status: Published

**General**

✓ Select Entity [Account] → ✓ Build Rule → ✓ Publish Rule

**Rule Published**

**Rule Type**  
Single Entity Name/Number

**Entity**  
Account (account)

**Target Attribute**  
Account Number  
Logical Name: accountnumber  
Max Length: 20  
Available for Update: Can Update

**Rule Parts**  
Text Global Field Field

**Sample**  
AC50000/{ownerid}/{createdon}

**Always Update**  
Create Only

**Next Autonumber**  
200

*A published rule will look as above*

## Deleting/Deactivating a Rule

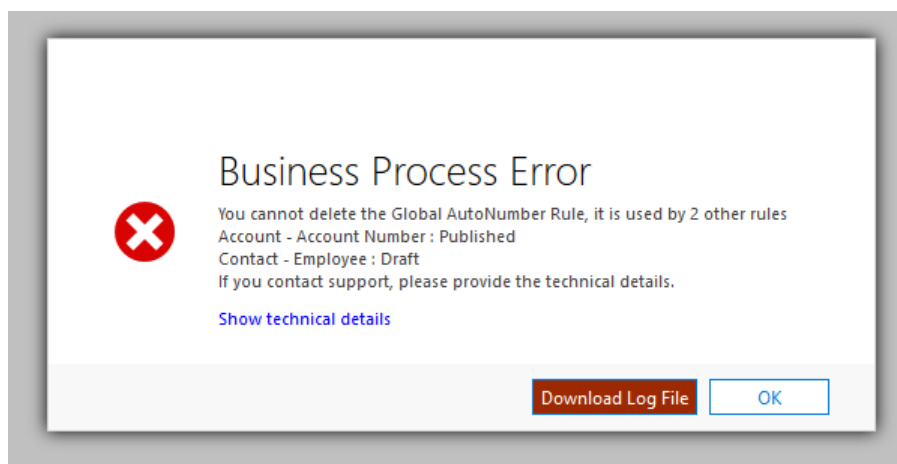
If you are deleting or deactivating a rule, the standard CRM dialog will show and once confirmed the rule will no longer run.

Please note; you can only delete one rule at a time and this can be done from either selecting the record on in a grid or from the form.

Deactivating a rule can only be done from the records form.

## Deleting/Deactivating a Global Number Rule

If you have used a Global Number Rule as a Rule Part in another rule you will not be able to Delete or Deactivate the Global Number Rule.



If this is attempted, a **Business Process Error** similar to the above screen is displayed, showing the number of Rules and which rules are using the Global Number Rule.

## Examples

For the purposes of this guide it is assumed that all your CRM Entities are as they are in a new instance with the default labels and in English language. For instance, the **account** entity is called **Account** and has not been renamed to **Customer**. If your entities have been renamed, then please adjust your steps accordingly.

### Creating an Account Number

In this first example, we are going to use the scenario that we have previously referred to in this user guide.


We are going to create a rule that generates an Account Number that consists of a Global Number, the Owners initials and the year the record was created.

Make sure you are in Settings -> Auto Name/Number Rules

#### Step 1 – Create a Global Number

- Click on the **New** button and then change the **Rule Type** to **Global Number**
- Enter the Name **Customer Unique Number**
- Set the Next Autonumber to **5000**


Select Rule Type



Use this for generating a Unique Number across multiple entity types.

**Name**

**Next Autonumber**



- Click on **Save**

#### Step 2 – Create the Account Number Rule

- Once saved from the previous step click on the **New** button
- Keep the Rule Type as **Single Entity Name/Number**
- Under **Select Entity** select your “Account” entity
- Change the **Target Attribute** to **Account Number**
- Click the **Save** button

### Step 3 – Build the Account Number Rule

AUTO NAME/NUMBER RULE : INFORMATION

Account - Account Number

Execution Order: 10

Status: Draft

General

Build Rule

Rule Type: Single Entity Name/Number

Entity: Account (account)

Target Attribute: Account Number

Logical Name: accountnumber

Max Length: 20

Available for Update: Can Update

Rule Parts: + Add Part

Sample: Always Update

Always apply rule when record is updated: ☐

Next Autonumber: 1

- Click on the + **Add Part** button.
- Change the **Rule Type** to **Text**
- Enter the text **AC**

Add New Rule Part

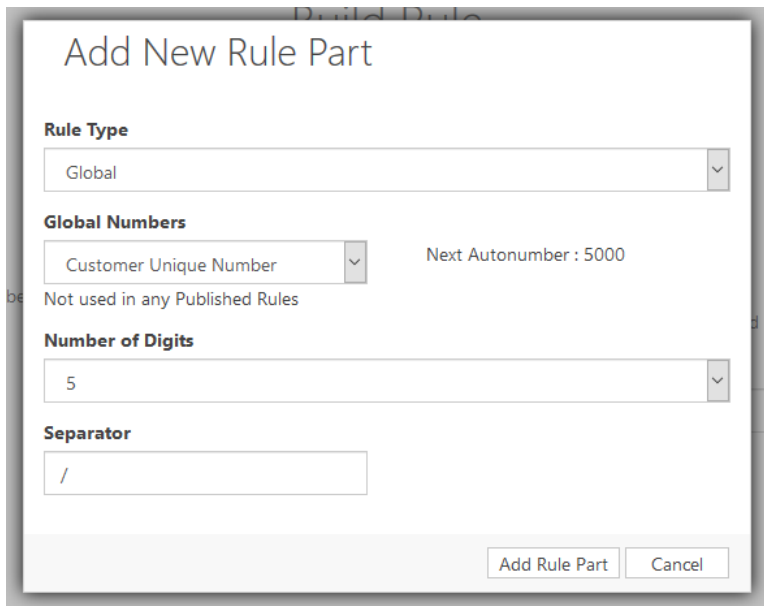
Rule Type: Text

Text: AC

Separator:

Add Rule Part Cancel

- Click on the **Add Rule Part** button
- Click on the + **Add Part** button
- Change the **Rule Type** to **Global**
- Make sure **Customer Unique Number** is selected
- Keep the **Number of Digits** at **5**
- Enter **/** in the **Separator** box



**Add New Rule Part**

**Rule Type**  
Global

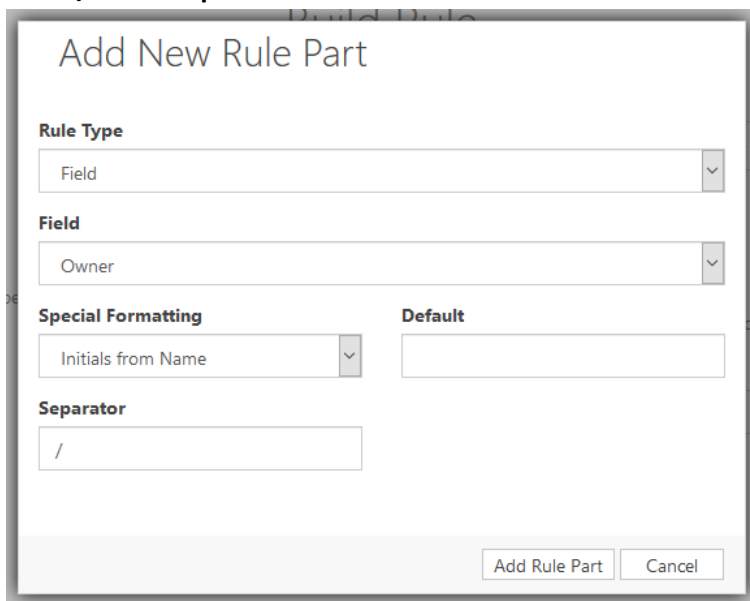
**Global Numbers**  
Customer Unique Number Next Autonumber : 5000  
Not used in any Published Rules

**Number of Digits**  
5

**Separator**  
/

Add Rule Part Cancel

- Click the **Add Rule Part** button to add this Rule Part.
- Click the **+ Add Part** button
- Change the **Rule Type** to **Field**
- Select the **Owner** field
- Change the **Special Formatting** to **Initials from Name**
- Enter **/** in the **Separator** box



**Add New Rule Part**

**Rule Type**  
Field

**Field**  
Owner

**Special Formatting**  
Initials from Name

**Default**

**Separator**  
/

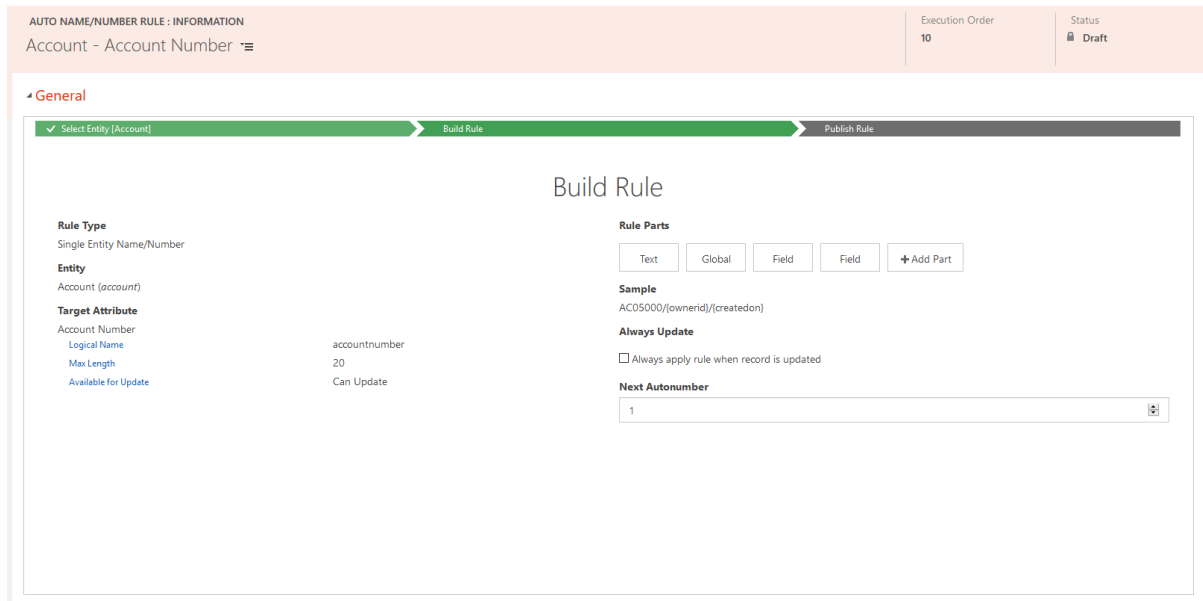
Add Rule Part Cancel

- Click on the **Add Rule Part** button to add this Rule Part.
- Click on **+ Add Part** button
- Change the **Rule Type** to **Field**
- Select the **Created On** field
- Change the **Special Formatting** to **Year**
- Click the **Add Rule Part** button to add this Rule Part.



## Step 4 – Publish the Account Number Rule

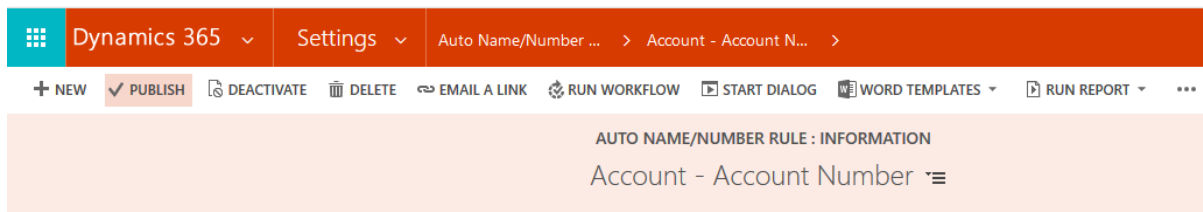
- If you have not already done so, **Save** your changes to your Rule



The screenshot shows the 'Build Rule' interface for 'Account - Account Number'. The top bar indicates 'AUTO NAME/NUMBER RULE : INFORMATION' and 'Account - Account Number'. The 'Execution Order' is 10 and the 'Status' is Draft. The 'General' tab is active, showing a progress bar with 'Select Entity (Account)', 'Build Rule', and 'Publish Rule'. The 'Rule Type' is 'Single Entity Name/Number'. The 'Entity' is 'Account (account)'. The 'Target Attribute' is 'Account Number', with 'Logical Name' as 'accountnumber', 'Max Length' as 20, and 'Available for Update' as 'Can Update'. The 'Rule Parts' section includes 'Text', 'Global', 'Field', and 'Field' buttons, along with an 'Add Part' button. The 'Sample' is 'AC05000/{ownerid}/{createdon}'. The 'Always Update' checkbox is unchecked. The 'Next Autonumber' is set to 1.

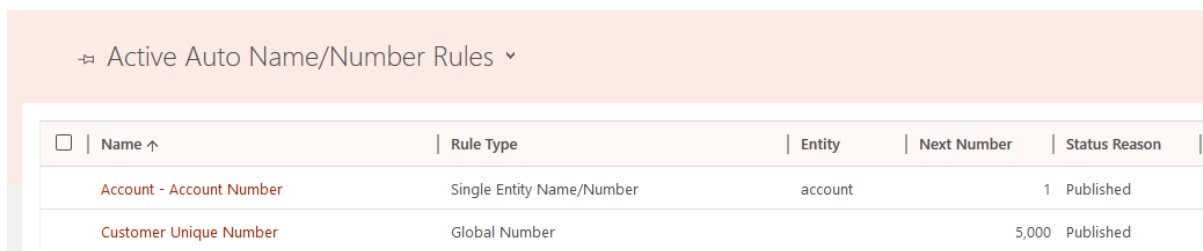
Your rule should look the same as the image above.

- Click on the **Publish** button from the command bar.



The screenshot shows the Dynamics 365 command bar. The 'Publish' button is highlighted in orange. The command bar also includes buttons for 'NEW', 'DEACTIVATE', 'DELETE', 'EMAIL A LINK', 'RUN WORKFLOW', 'START DIALOG', 'WORD TEMPLATES', and 'RUN REPORT'. The breadcrumb trail shows 'Auto Name/Number ... > Account - Account N... >'.

- Go back to **Settings -> Auto Name/Number Rules** to see your new rules now they are set up.



The screenshot shows the 'Active Auto Name/Number Rules' table. The table has columns for 'Name', 'Rule Type', 'Entity', 'Next Number', and 'Status Reason'. There are two rows of data.

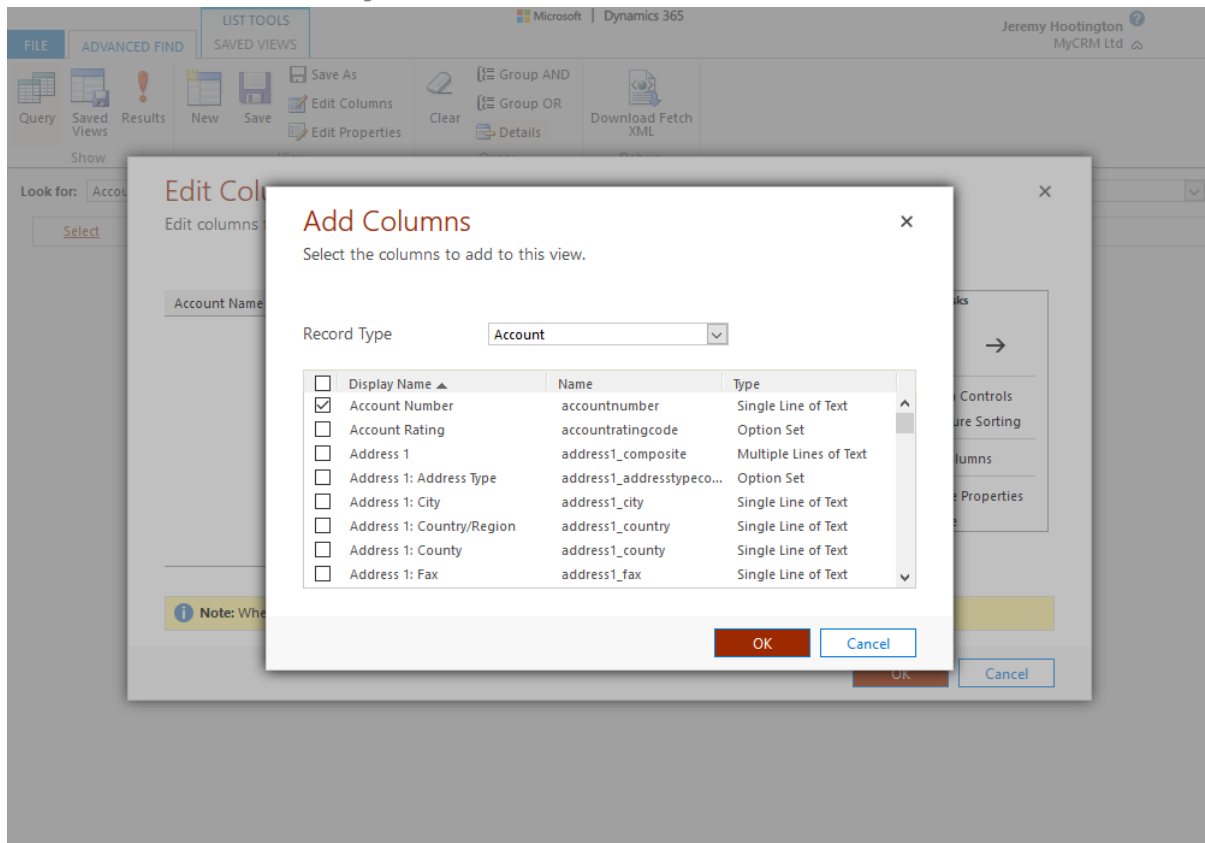
Name	Rule Type	Entity	Next Number	Status Reason
Account - Account Number	Single Entity Name/Number	account	1	Published
Customer Unique Number	Global Number		5,000	Published

## Step 5 – Test the new rule

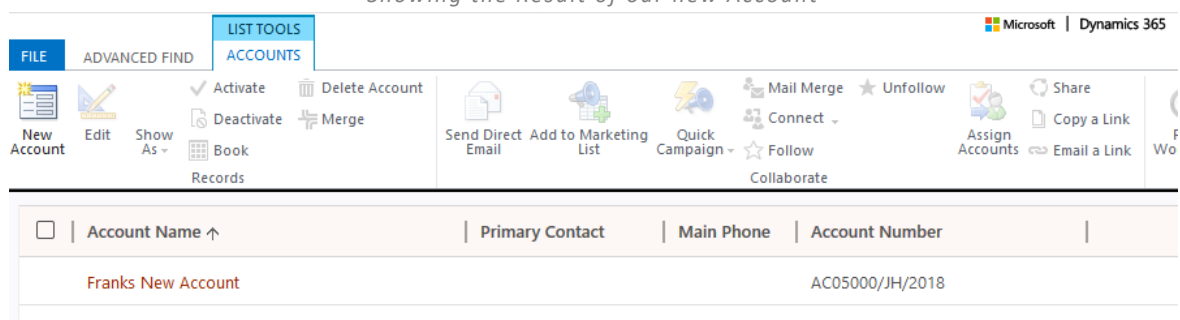
- Create a new Account record and then open.
- The Account Number should now display as expected **AC05000/JH/2018**

If you do not have the **Account Number** field available on your form, you can check the field has been populated by searching for you accounts in **Advanced Find**, adding the **Account Number** field to the Columns.

Adding the Account Number column to Advanced Find



Showing the Result of our new Account



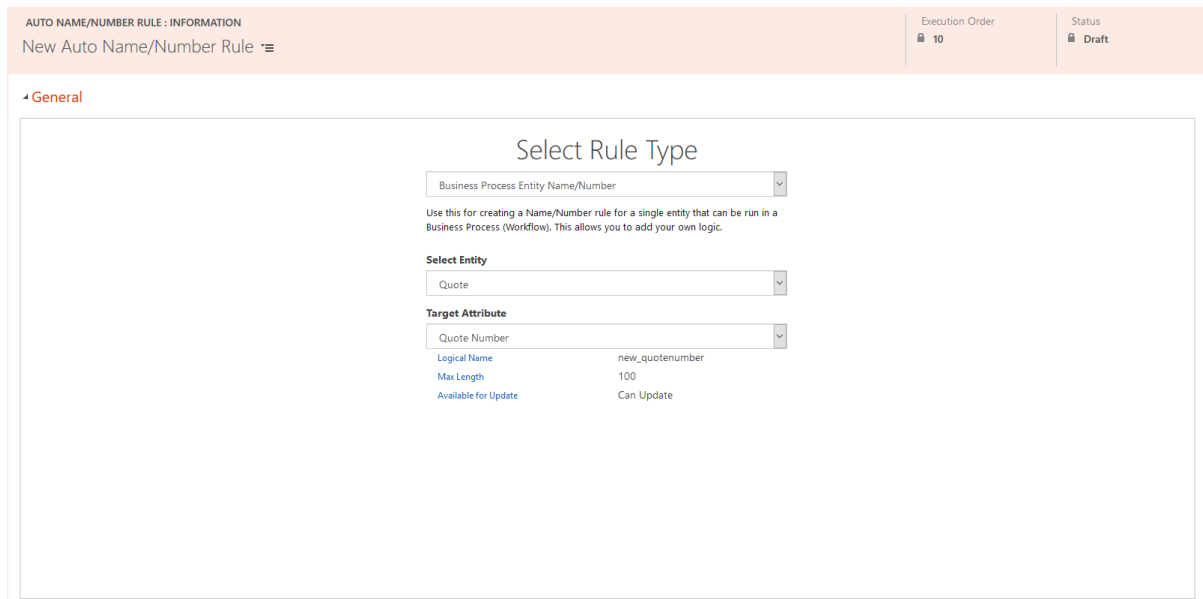




## Step 1 – Create the Quote Number Rule

Make sure you are in Settings -> Auto Name/Number Rules

- Click on the **New** button
- Change **Rule Type** to **Business Process Entity Name/Number**
- Select the **Quote** Entity
- Select **Quote Number** as the **Target Attribute**



- Click on the **Save** button

Once saved and in the **Build Rule** mode, build up your rule, in the screenshot below I have created the following rule, starting with the letter **Q** followed by the Autonumber for this rule, which I've set the Next Number to be 1000. Then I've used the Initials of the **Account Manager** field followed by the Initials of the **Potential Customer** and finally a Date Part with the Month as text.

## Build Rule

### Rule Parts

Text

Autonumber

Field

Field

Date

+ Add Part

### Sample

Q01000/{msdyn\_accountmanagerid}/{customerid}/JAN

### Always Update

☒ Always apply rule when record is updated

### Next Autonumber

1000

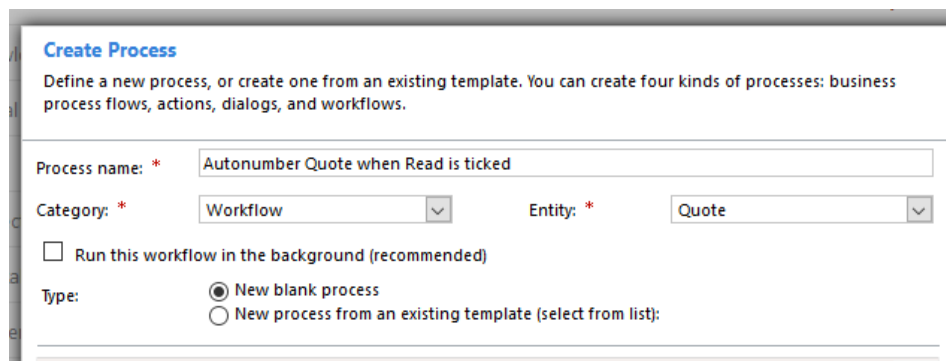
- Once rule changes have been saved, click on **Publish**

Your rule is now ready to use in a workflow.

## Step 2 – Create Workflow

Navigate to Settings -> Processes

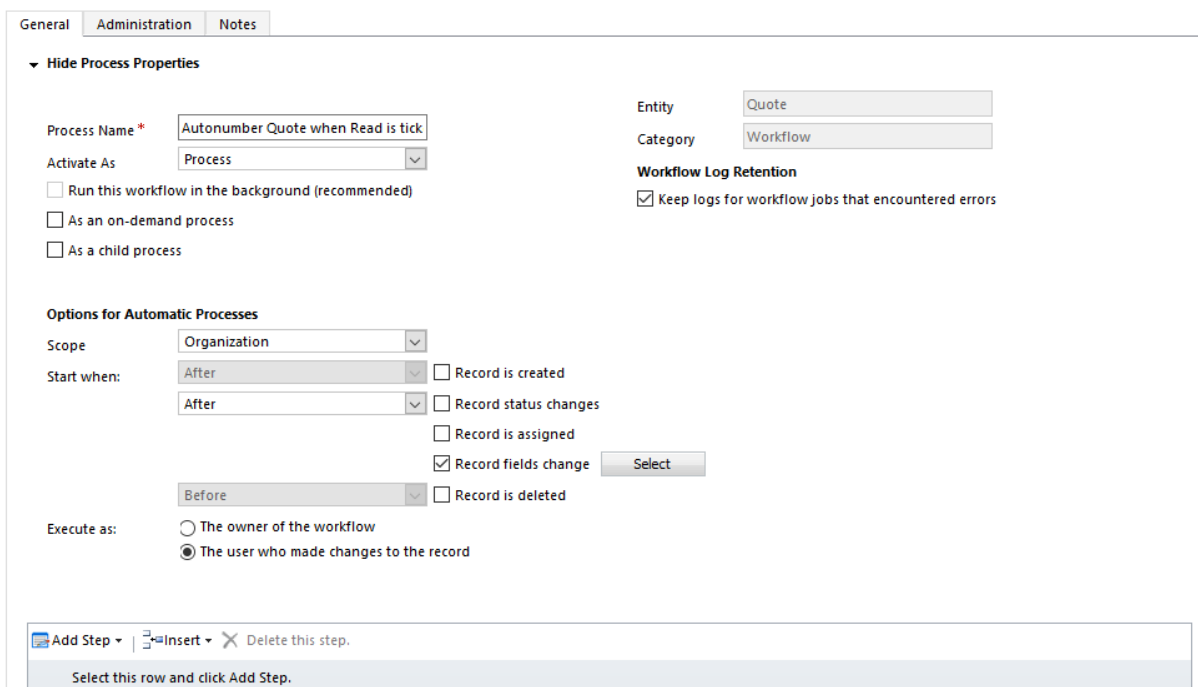
- Click on **New**
- Enter a meaningful **Process name**
- Select the **Workflow** Category
- Select the **Quote** Entity.



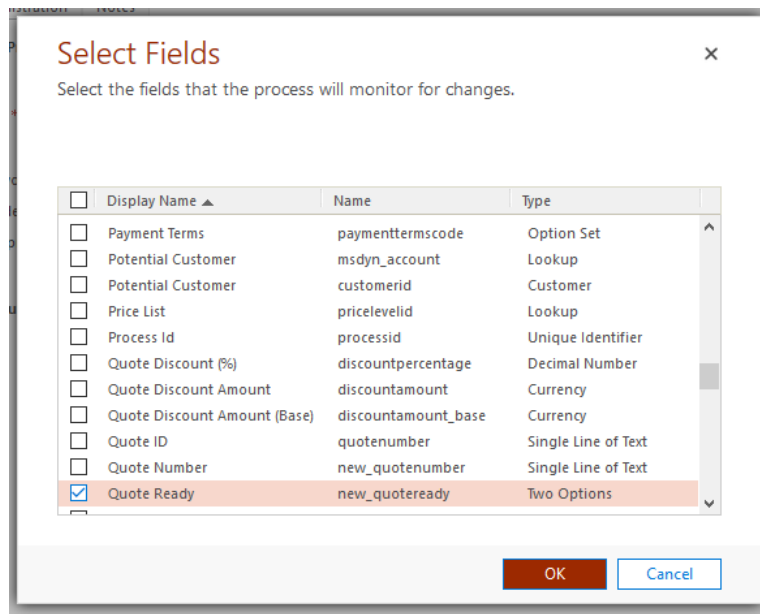
- Click **OK** to create the workflow.

## Step 3 – Setup Workflow Options

- Set the **Scope** to **Organization**, this way it will run for every user in your CRM system.
- Uncheck **Record is created**
- Check **Record fields change** this way the workflow will only trigger when the **Quote Ready** field is changed.



- Click the **Select** button to choose which fields to trigger the workflow.
- Find and select the **Quote Ready** field



Select Fields

Select the fields that the process will monitor for changes.

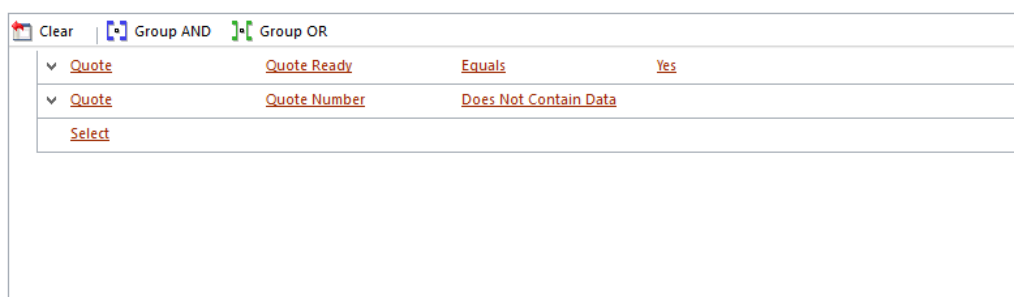
<input type="checkbox"/> Display Name ▲	Name	Type
<input type="checkbox"/> Payment Terms	paymenttermscode	Option Set
<input type="checkbox"/> Potential Customer	msdyn_account	Lookup
<input type="checkbox"/> Potential Customer	customerid	Customer
<input type="checkbox"/> Price List	pricelevelid	Lookup
<input type="checkbox"/> Process Id	processid	Unique Identifier
<input type="checkbox"/> Quote Discount (%)	discountpercentage	Decimal Number
<input type="checkbox"/> Quote Discount Amount	discountamount	Currency
<input type="checkbox"/> Quote Discount Amount (Base)	discountamount_base	Currency
<input type="checkbox"/> Quote ID	quotenumber	Single Line of Text
<input type="checkbox"/> Quote Number	new_quotenum	Single Line of Text
<input checked="" type="checkbox"/> Quote Ready	new_quoteready	Two Options

OK Cancel

- Click OK

#### Step 4 – Add Workflow Steps

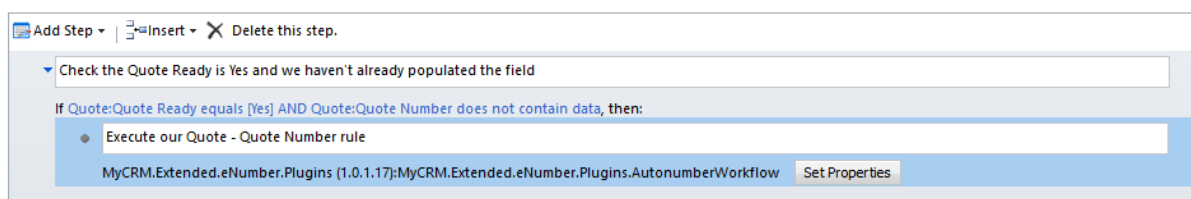
- Add a **Check Condition** step
- Set the Condition that the **Quote Ready** field equals “Yes” (it’s been ticked on the form) and that our **Quote Number** field has not already been populated. This prevents the Autonumber generating a new number each time the field is checked and unchecked.



Clear Group AND Group OR

Quote	Quote Ready	Equals	Yes
Quote	Quote Number	Does Not Contain Data	
Select			

- Inside the **Check Condition** add a new step choosing the eNumber workflow plugin. Workflow plugins are at the bottom of the **Add Step** dropdown.



Add Step Insert Delete this step.

Check the Quote Ready is Yes and we haven't already populated the field

If Quote:Quote Ready equals [Yes] AND Quote:Quote Number does not contain data, then:

- Execute our Quote - Quote Number rule

MyCRM.Extended.eNumber.Plugins (1.0.1.17):MyCRM.Extended.eNumber.Plugins.AutonumberWorkflow Set Properties

- Click on **Set Properties** so we can choose our Autonumber Rule to be executed

File Save and Close Help

Process: Autonumber Quote when Read is ticked **Working on solution: Default Solution**

### Set Custom Step Input Properties

Property Name	Data Type	Required	Value
Autonumber Rule	Lookup	Required	

Form Assistant

Dynamic Values

Dynamic Values

Quote - Quote Number  
24/01/2018 10:31

Look Up More Records

Quote

Add

Only Business Process Entity Name/Number rules will show in this lookup

## Step 5 – Activate and test the Workflow

- Activate** the workflow
- Create a new quote or edit an existing quote

### Quote Analysis

Not Profitable	Customer Budget Not Available
Gross Margin (%) 0.00	Estimated Schedule Schedule Not Available
Adjusted Gross Margin (%) 0.00	Estimated Budget Within Customer Budget

### Summary

Quote Number	DESCRIPTION
*Revision ID 0	
*Name Example Quote Process	
*Potential Customer Adventure Works	Bill To Address 11111 William Nicol Drive Johannesburg 2100 South Africa
*Account Manager Jeremy Hootington	Payment Terms Net 30
*Contracting Unit t201712282022z59672bb151949515	*Currency Pound Sterling
Opportunity	Ship To Address
*Product Price List Retail	
Requested Delivery Date	
Quote Expires On	
Status Reason In Progress	
Quote Ready No	

- Our **Quote Number** field remains blank
- Click on the **Quote Ready** field to change the value to **Yes**
- Save the form which will activate our Workflow

Quote Analysis

Not Profitable

Gross Margin (%) 0.00

Adjusted Gross Margin (%) 0.00

Customer Budget Not Available

Estimated Schedule Schedule Not Available

Estimated Budget Within Customer Budget

Summary

Quote Number Q01000/JH/AW/JAN

Revision ID 0

Name Example Quote Process

Potential Customer Adventure Works

Account Manager Jeremy Hootington

Contracting Unit t201712282022z59672bb151949515

Opportunity

Product Price List Retail

Requested Delivery Date

Quote Expires On

Status Reason In Progress

Quote Ready Yes

DESCRIPTION

Bill To Address 11111 William Nicol Drive  
Johannesburg 2100  
South Africa

Payment Terms Net 30

Currency Pound Sterling

Ship To Address

Our **Quote Number** has now been populated by our rule, examine the image below which shows how the Quote Number was generated from our rule.

## Rule Published

### Rule Parts



### Sample

Q01001/[msdyn\_accountmanagerid]/[customerid]/JAN

Quote Number Q01000/JH/AW/JAN

Revision ID 0

Name Example Quote Process

Potential Customer Adventure Works

Account Manager Jeremy Hootington