



# RMF Install / Modify / Repair / Remove

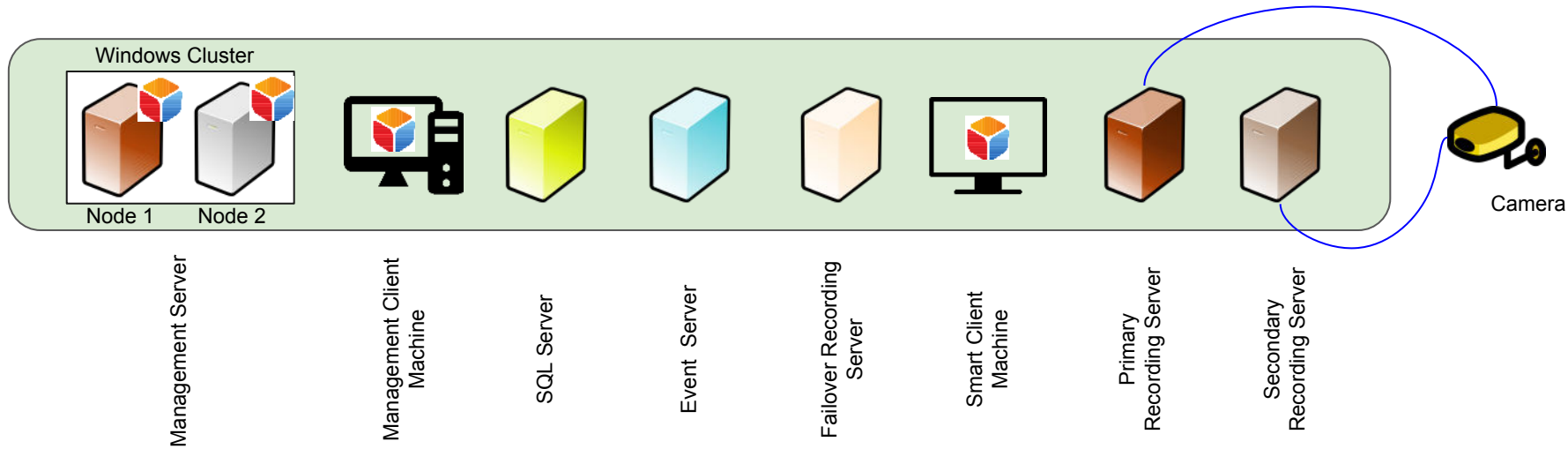
## Non-Federated Architecture (Clustered Environment)

RMF Version 5.2.0

Vega Systems Inc.

03/17/2023

<https://www.vega25.com/rmf>



## Setup Non-Federated (Clustered)



[Install RMF](#)



[Modify RMF](#)



[Repair RMF](#)



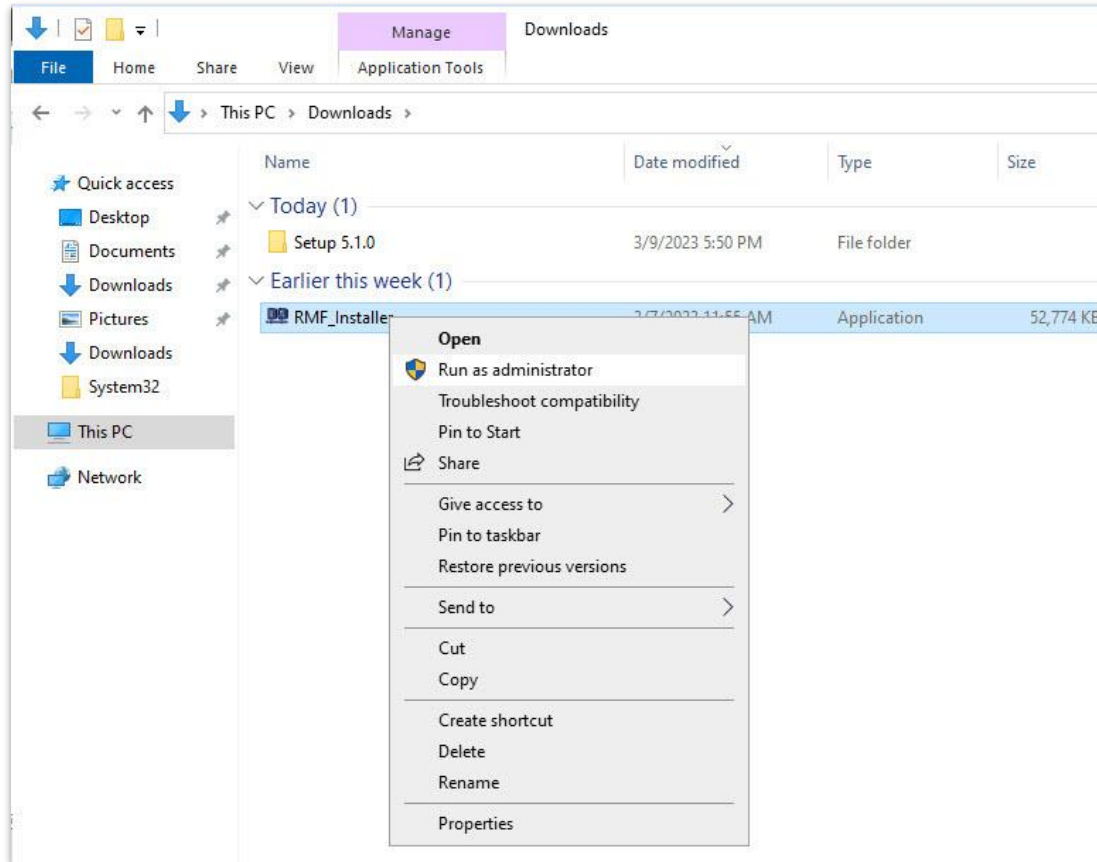
[Remove RMF](#)



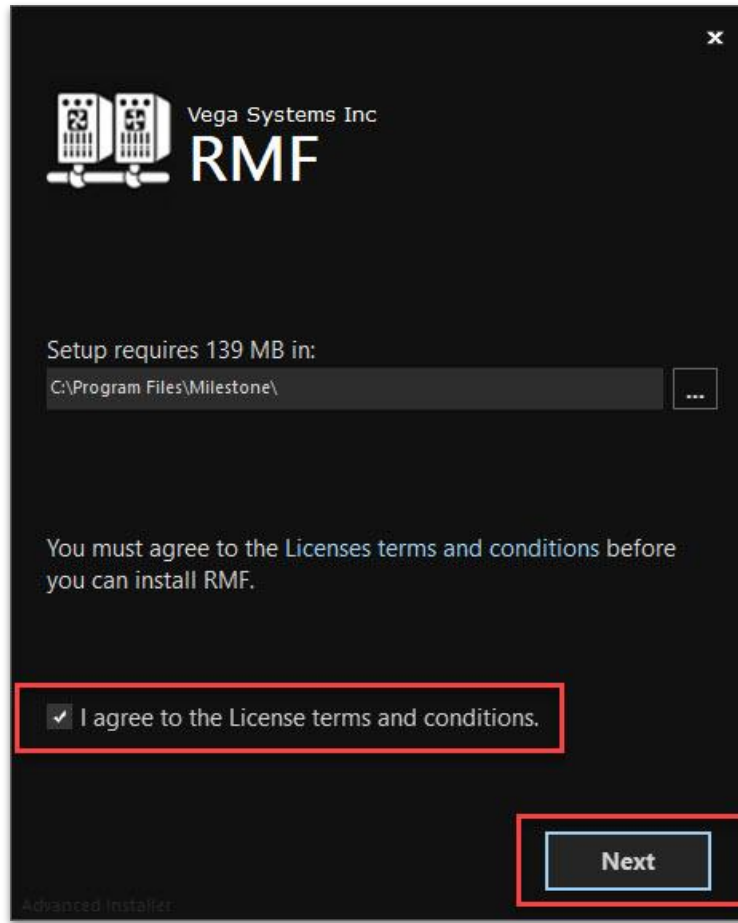
# RMF Installation Process



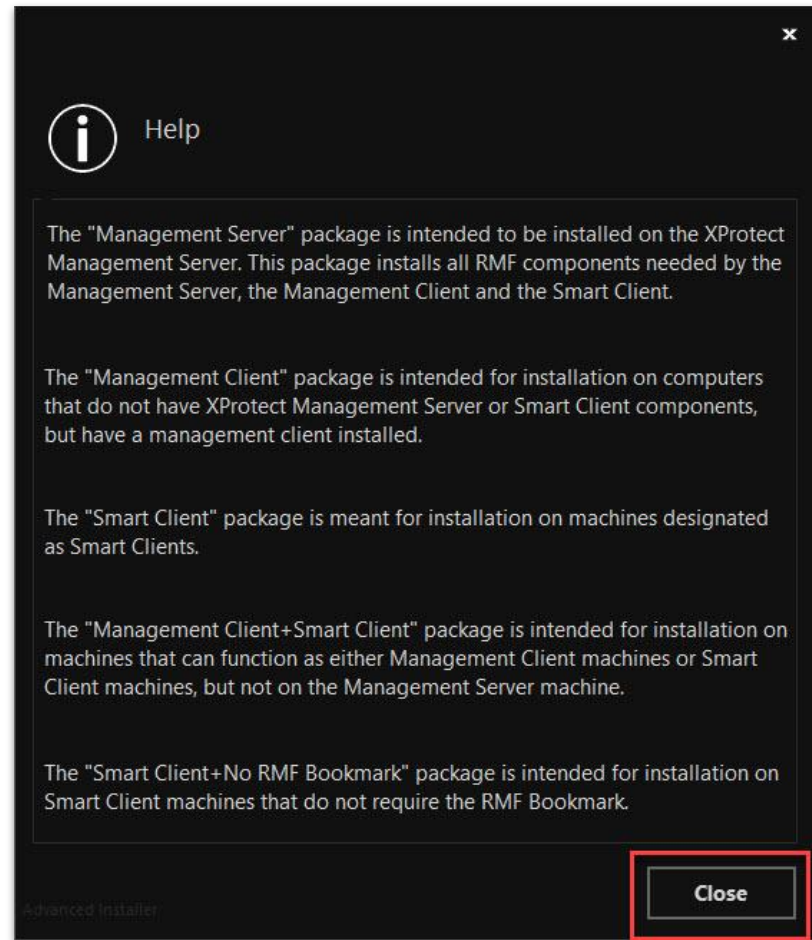
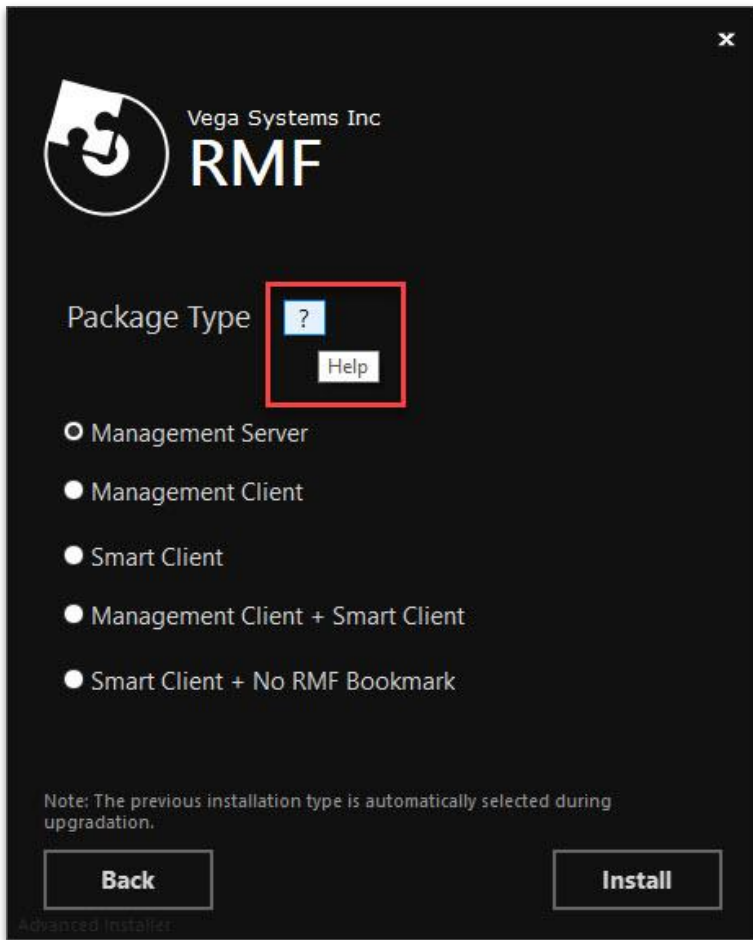
## Installing RMF on Management Server Cluster Node 1



**Step 1:** Run the **RMF 5.2.0** installer on **Management Server Cluster Node 1** machine or  
**Silent Install:** Command Prompt → **RMF\_Installer.exe /exenoui /qn INSTALL\_TYPE=MS**

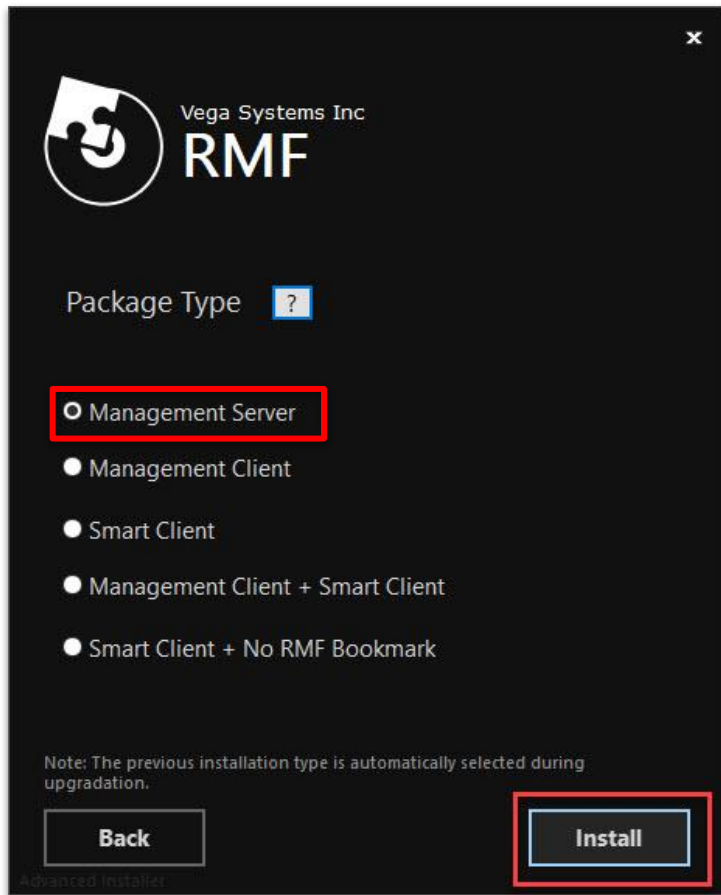


**Step 2:** Select I agree to the license terms and conditions. Click Next.

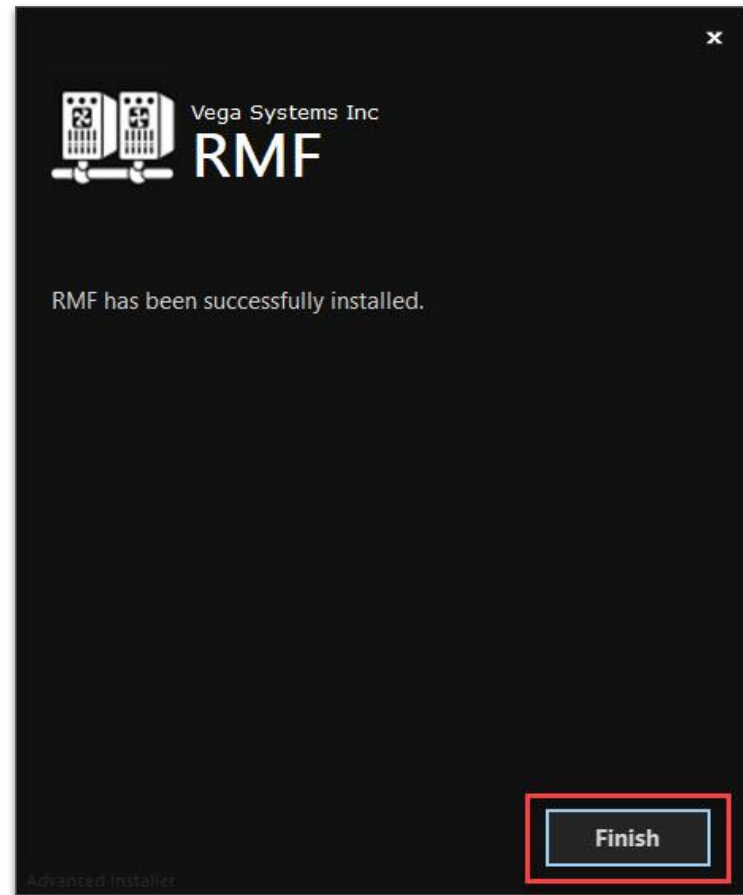
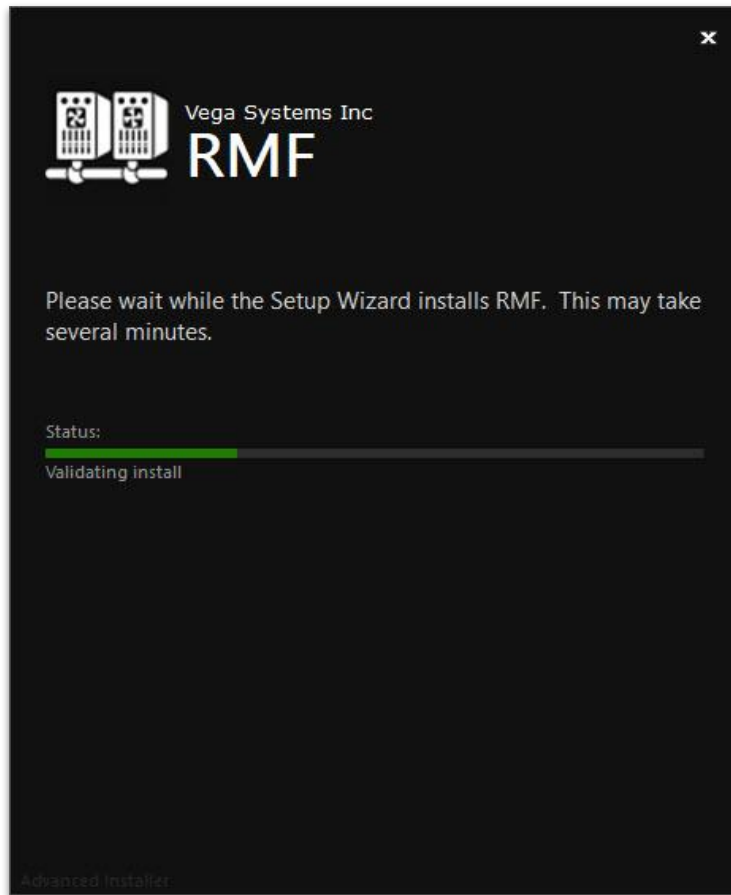


**Step 3:** Click **Help (?)** to see the package description.





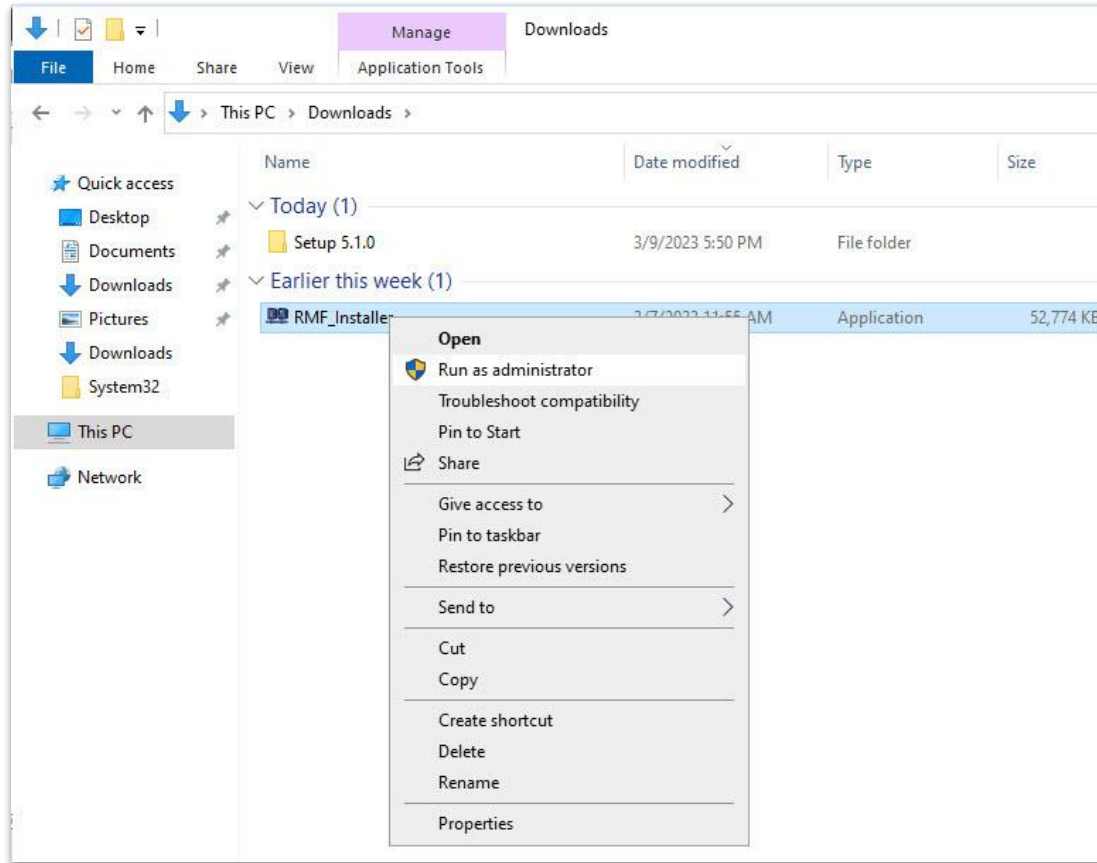
**Step 4**: Select the **Package Type - Management Server**.  
Click **Install**.



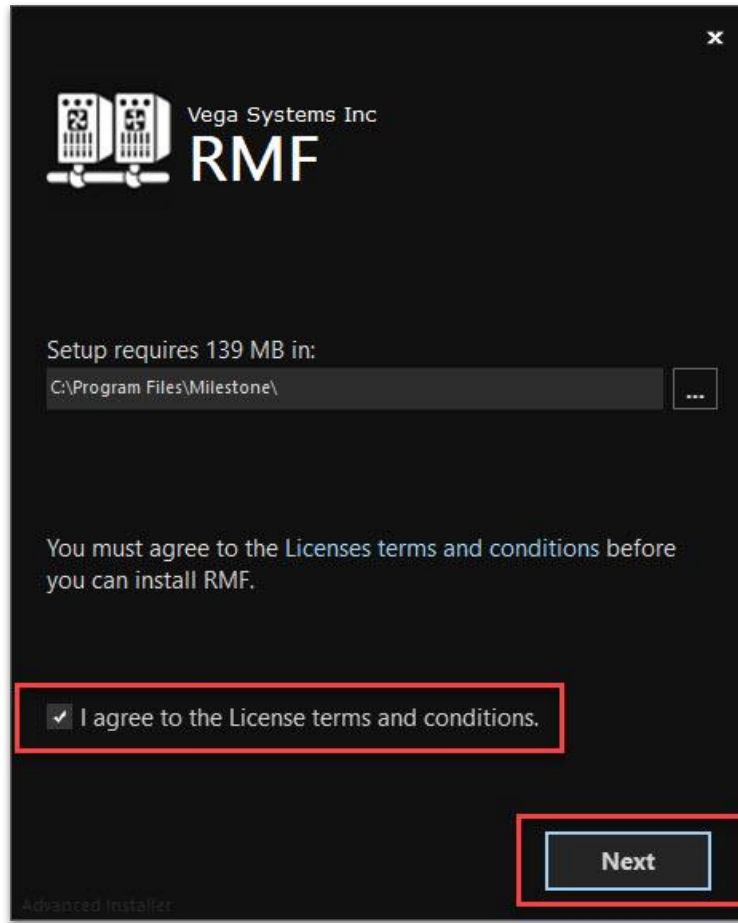
**Step 5: Installation completed.**  
Click **Finish**.



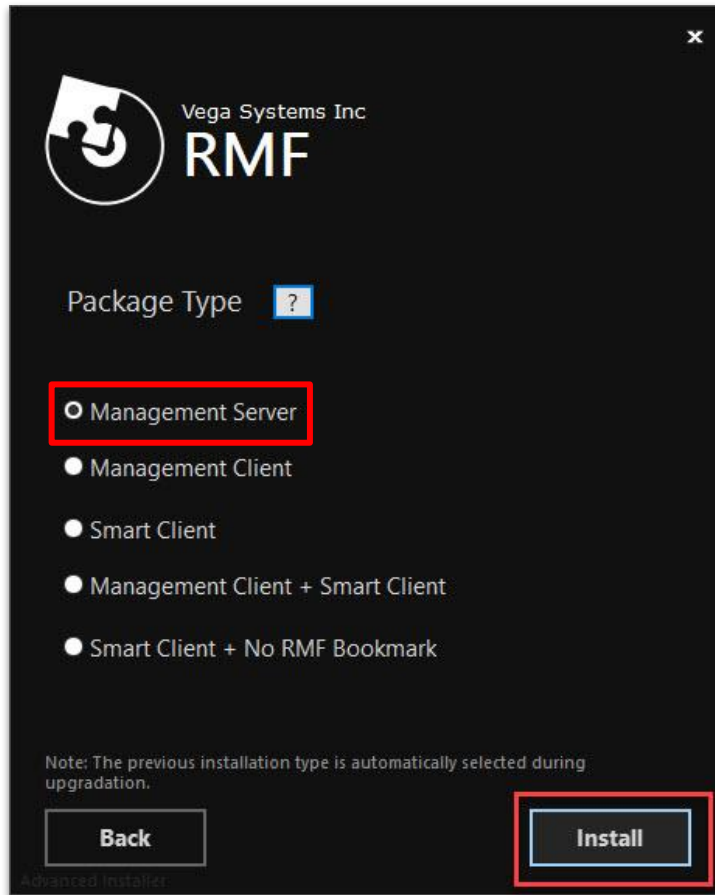
## Installing RMF on Management Server Cluster Node 2



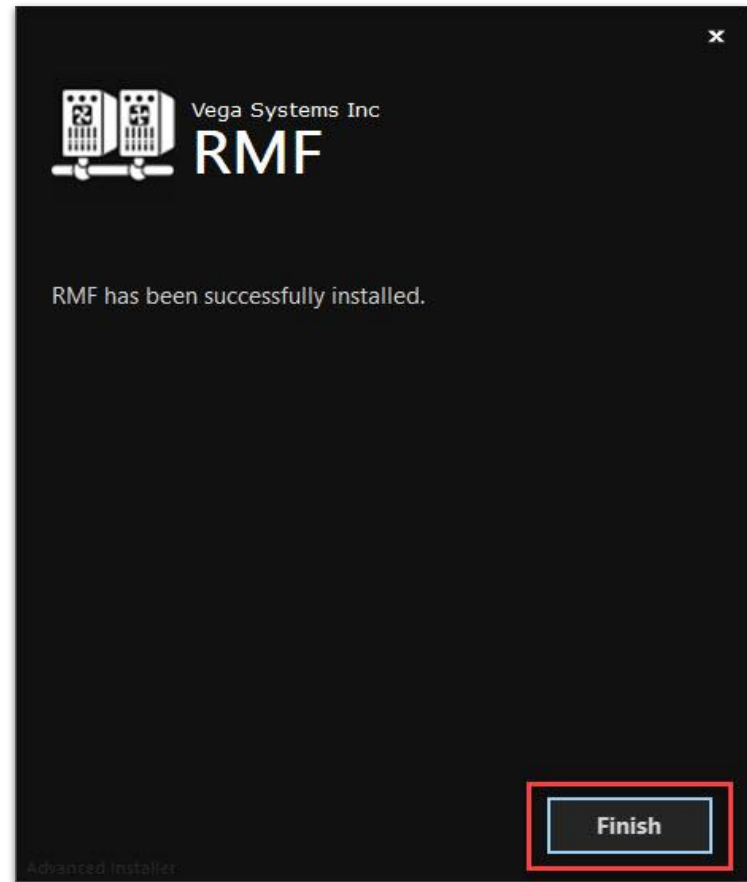
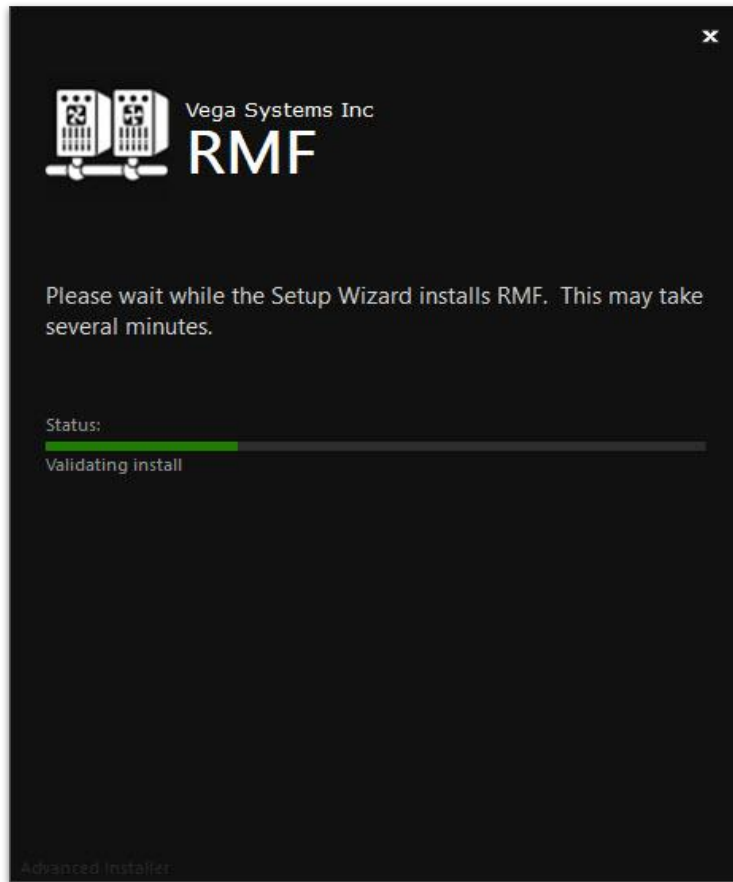
**Step 1:** Run the **RMF 5.2.0** installer on **Management Server Cluster Node 2** machine or  
**Silent Install:** Command Prompt → **RMF\_Installer.exe /exenoui /qn INSTALL\_TYPE=MS**



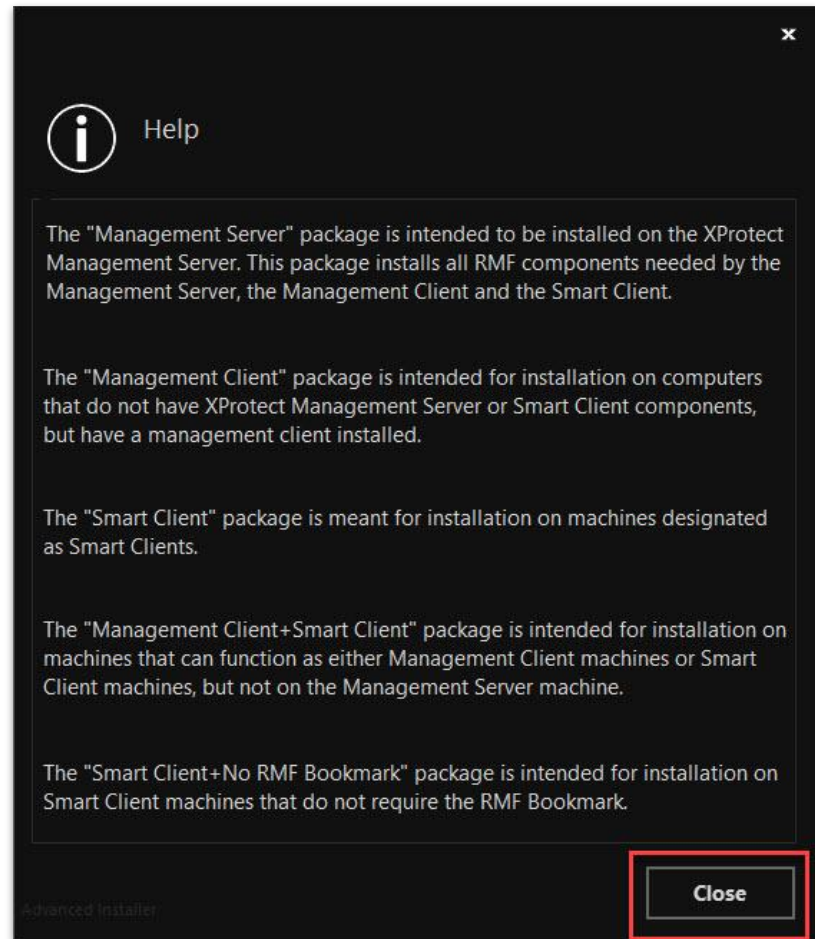
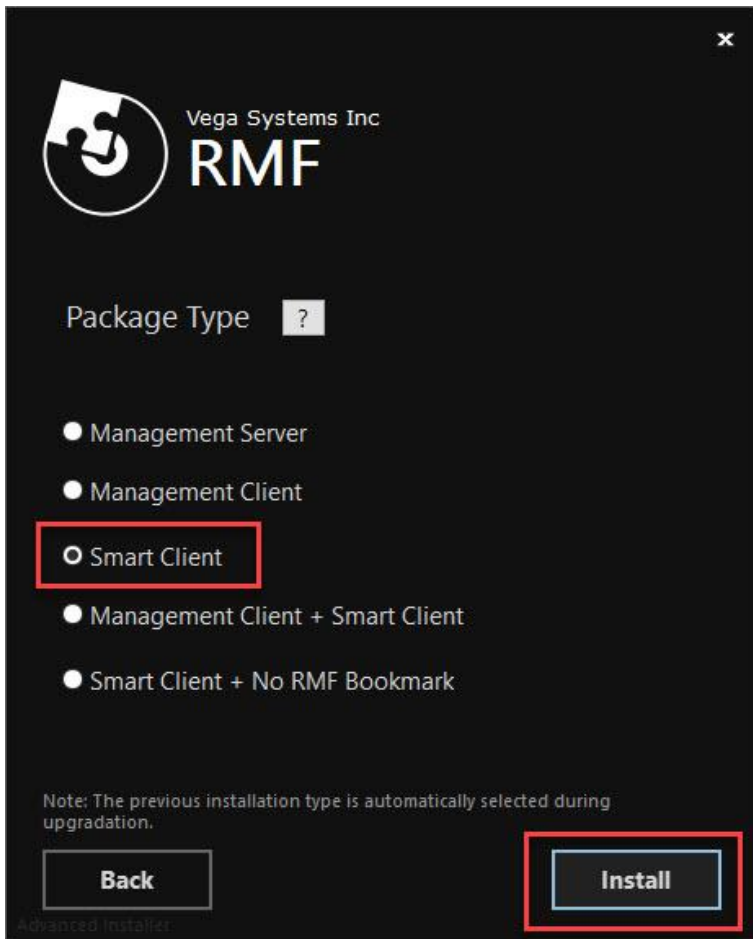
**Step 2:** Select I agree to the license terms and conditions. Click Next.



**Step 3:** Select the **Package Type - Management Server**.  
Click **Install**.



**Step 4: Installation completed.**  
Click **Finish**.

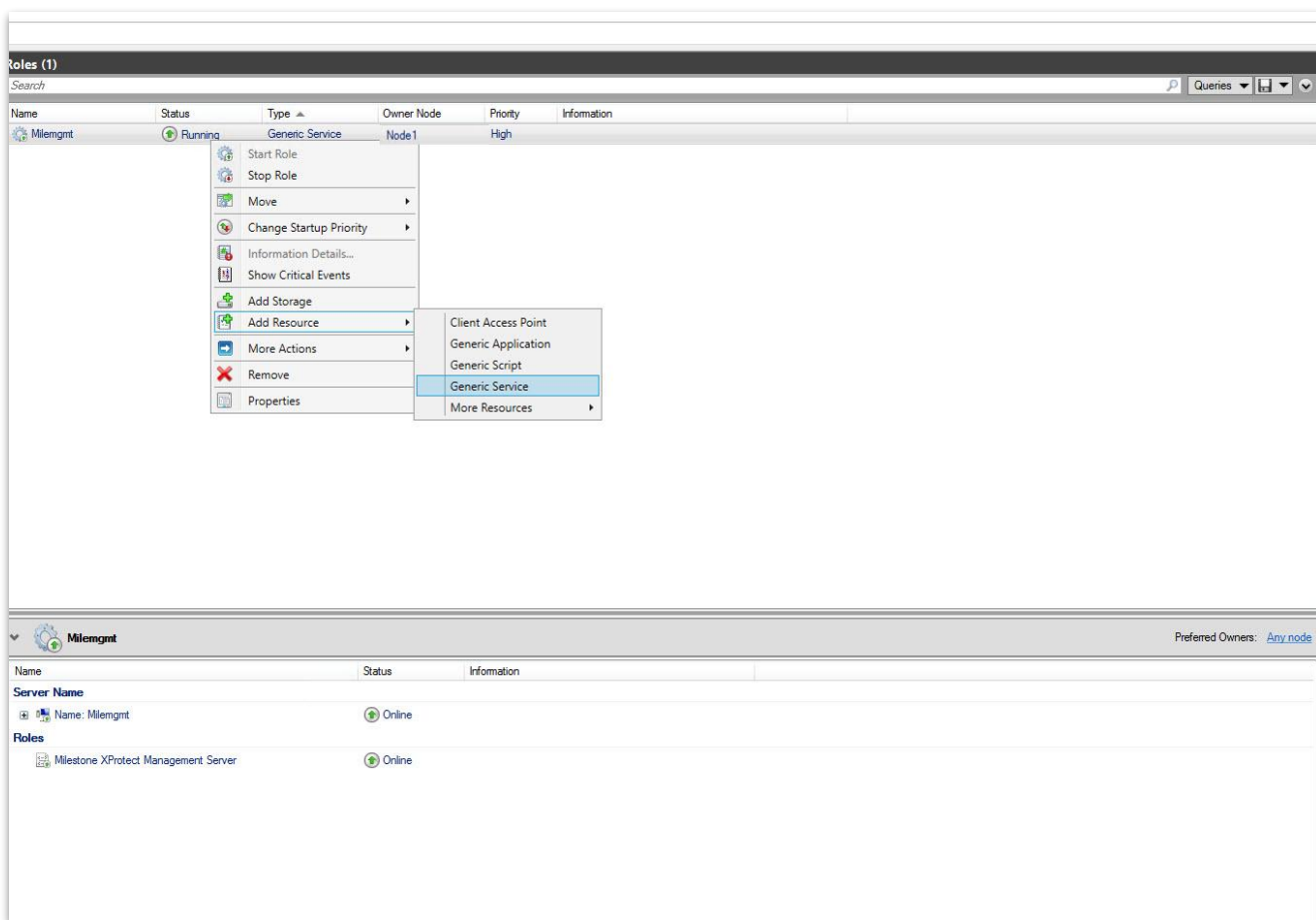


**Step 5:** Run **RMF 5.2.0** installer on any other machines like **SmartClient** machine or **Management Client** machine. **Select needed package type and install.**

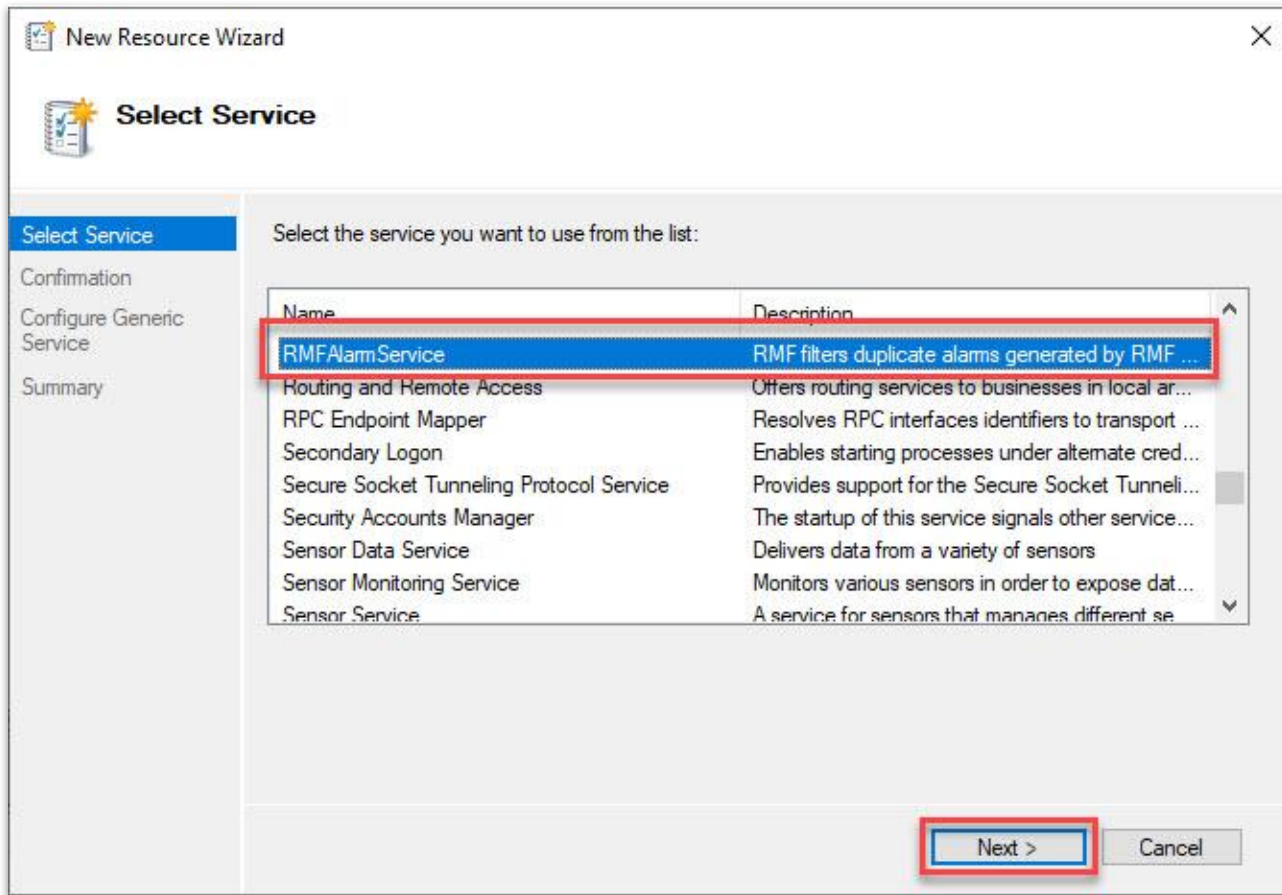




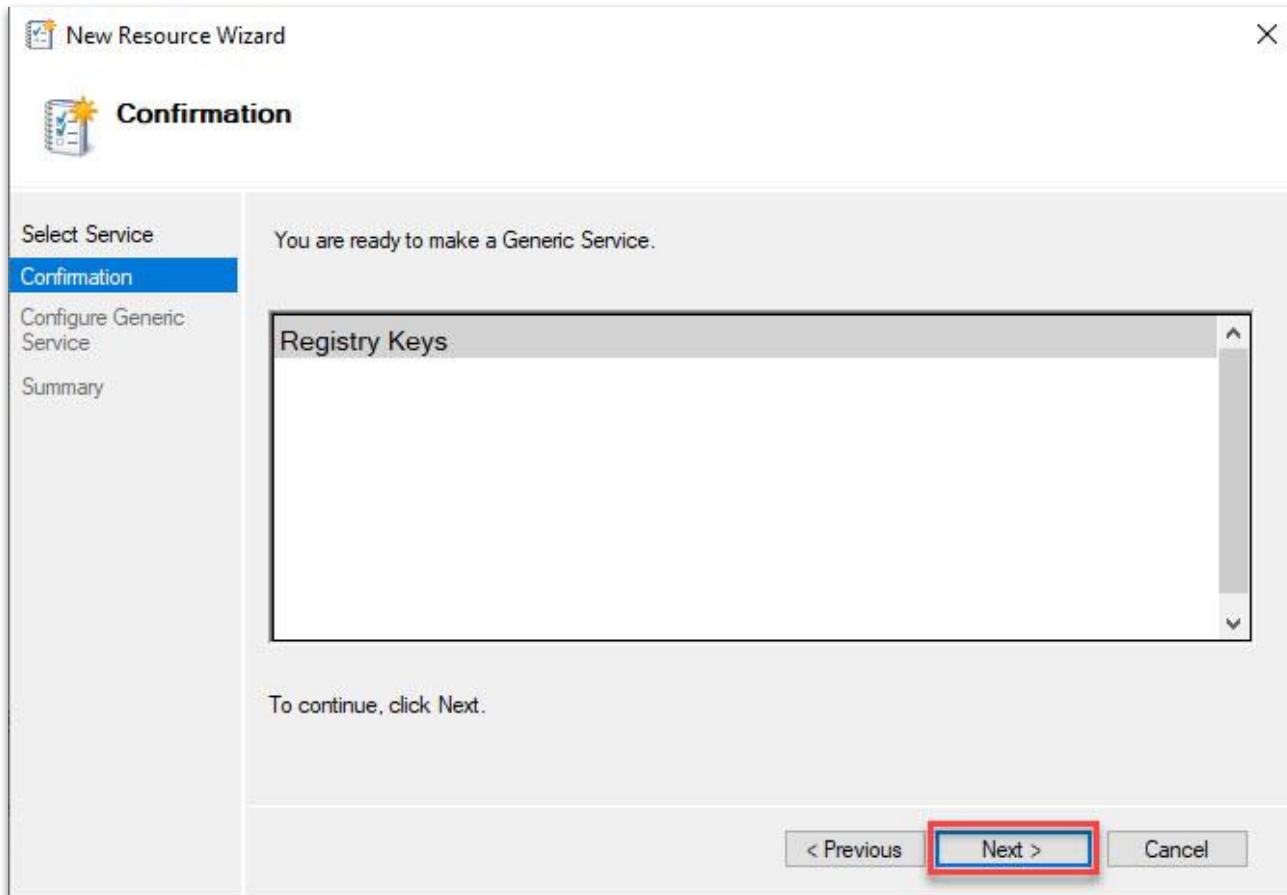
## RMF Alarm Service Configuration to a Cluster Role Management Server Node 1 or Node 2



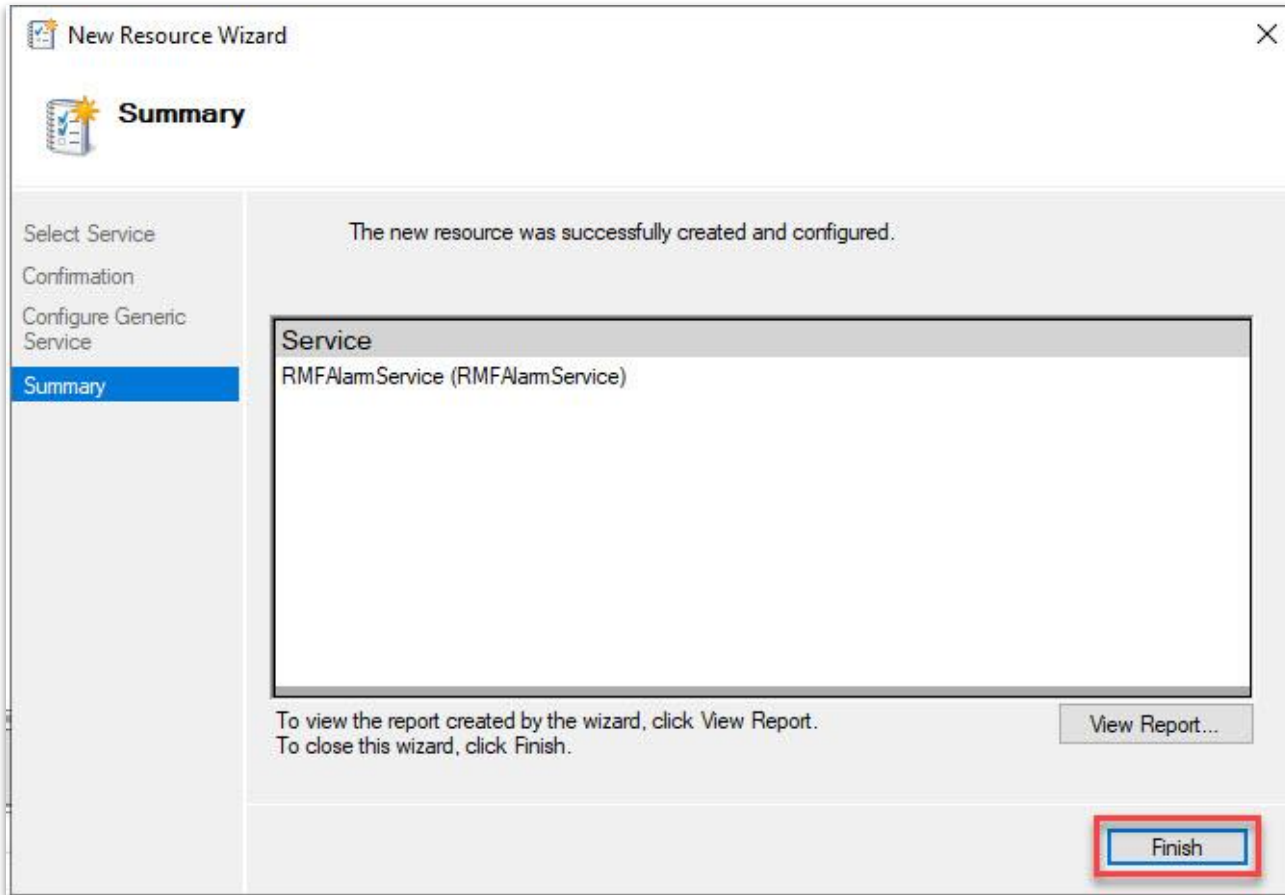
**Step 1:** Goto **Failover Cluster Management Server** → **Roles** on **Management Server Node 1** or **2**.  
**Right click** on the **Configured Role** → **Add Resource** → **Generic Service**



**Step 2: Select the **RMF Alarm Service**.  
Click **Next****



**Step 3:** Confirm and Configure the Generic Service.  
Click **Next**



**Step 4:** Click the **Finish** button to complete the process.

**Roles (1)**

Search

Name	Status	Type	Owner Node	Priority	Information
Milegmt	Running	Generic Service	Node1	High	

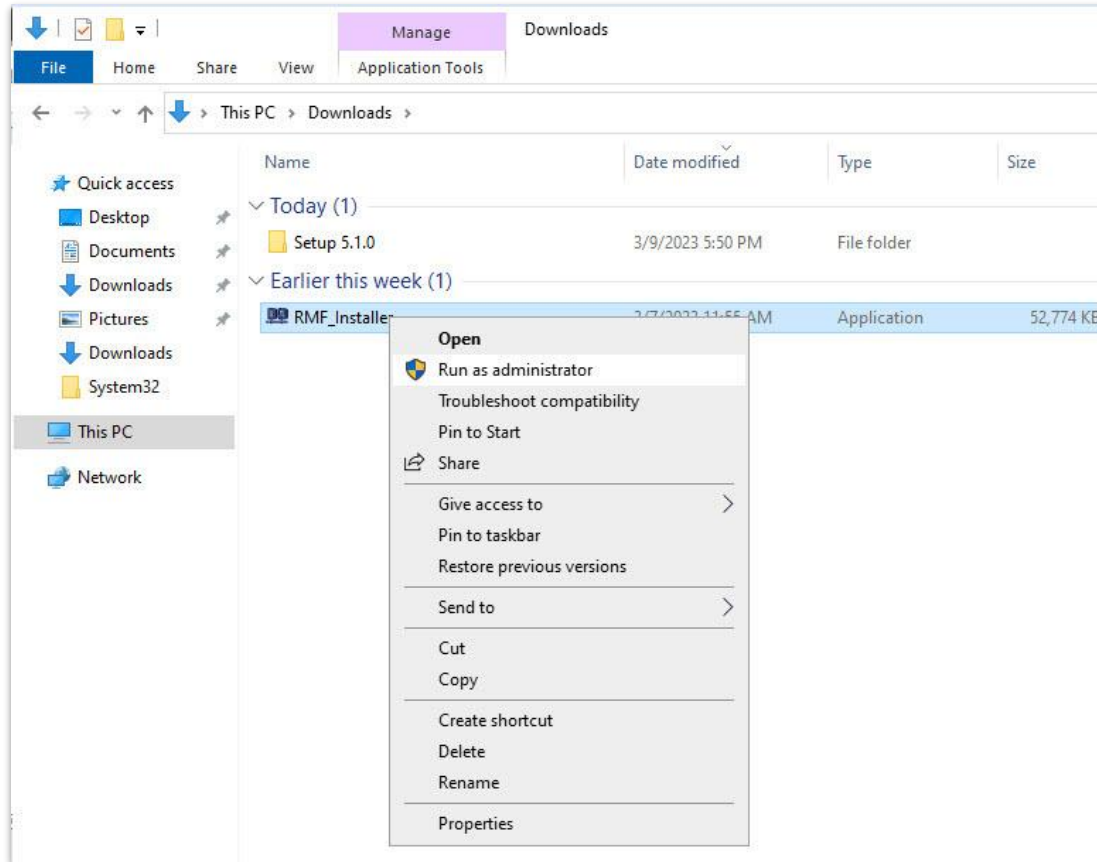
**Milegmt** Preferred Owners: [Any node](#)

Name	Status	Information
<b>Server Name</b>		
Name: Milegmt	Online	
<b>Roles</b>		
Milestone XProtect Management Server	Online	
RMFAlarmService	Online	

**Verification Step:** RMF Alarm Service Status on Cluster Role.

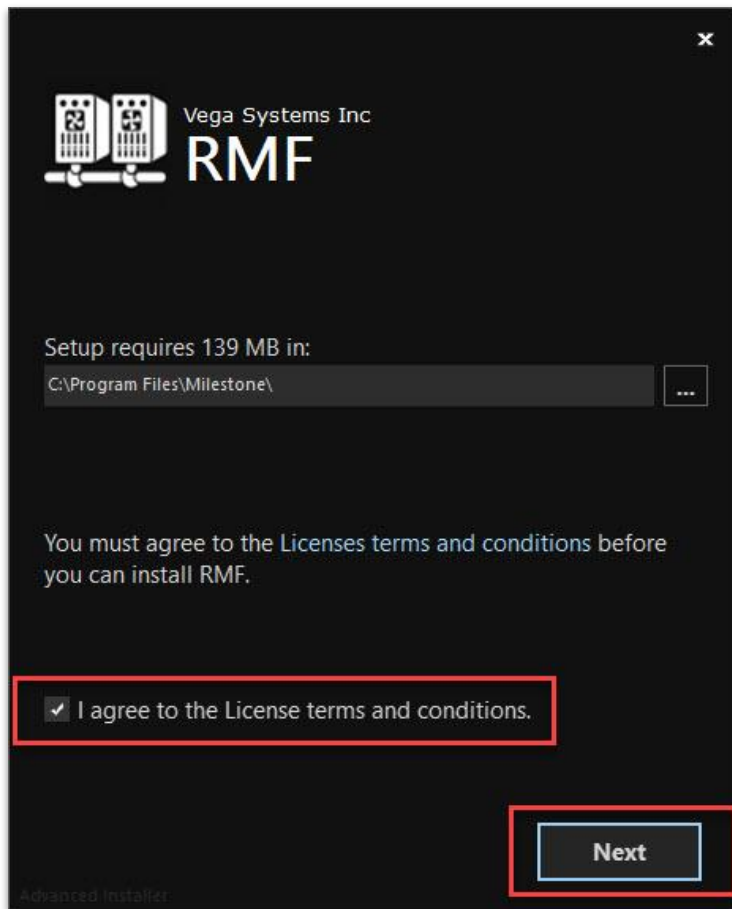


## Installing RMF on Smart Client Machine

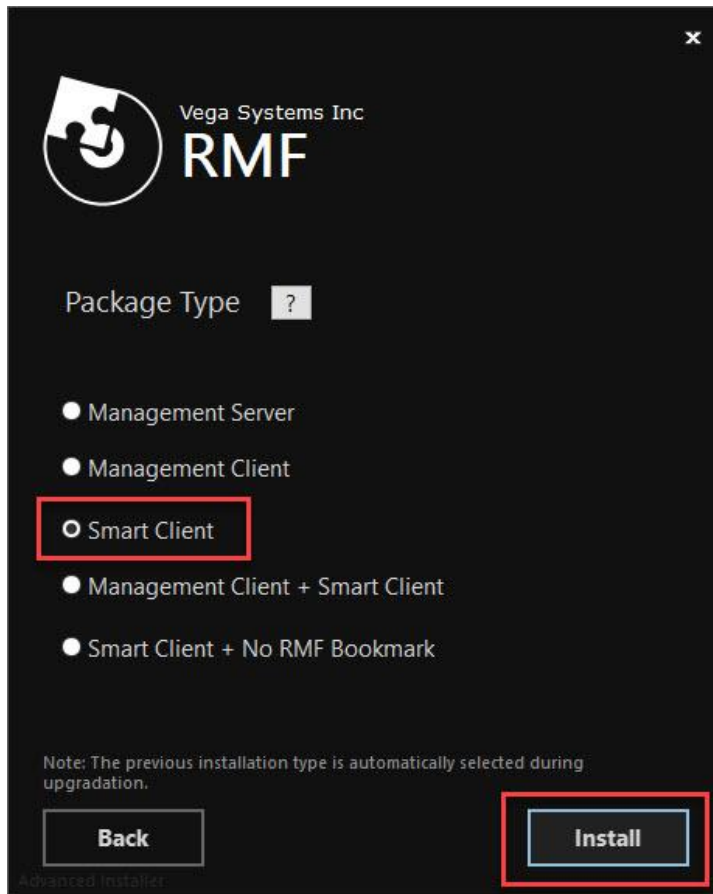


**Step 1:** Run the **RMF 5.2.0** installer on **Smart Client Machine** (or)  
**Silent Install:** Command Prompt → **RMF\_Installer.exe /exenoui /qn INSTALL\_TYPE=SC**

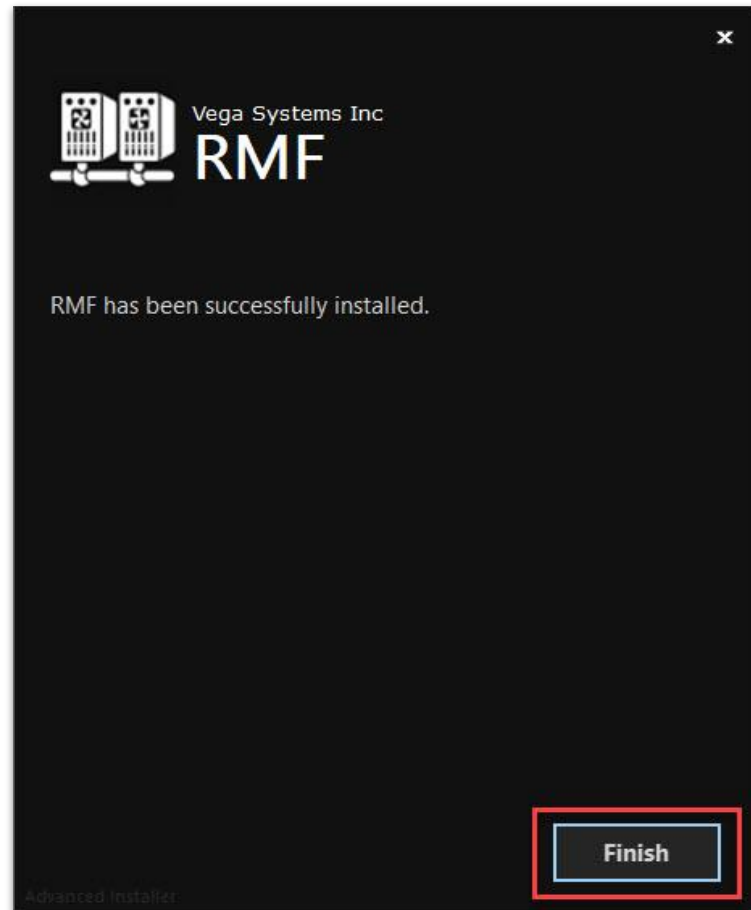
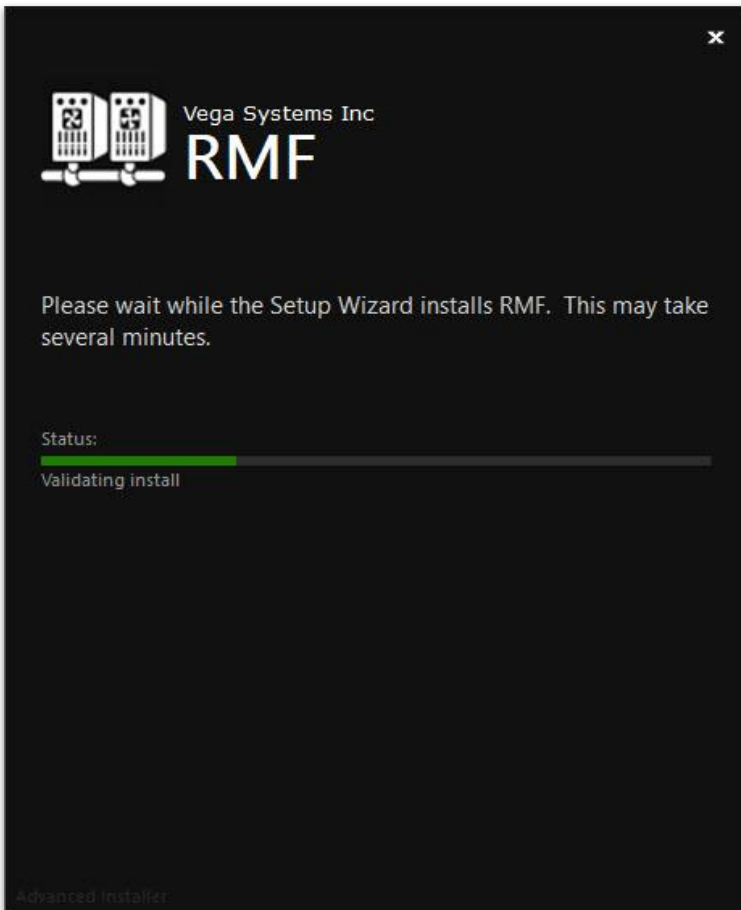




**Step 2:** Select **I agree to the license terms and conditions.**  
Click **Next.**



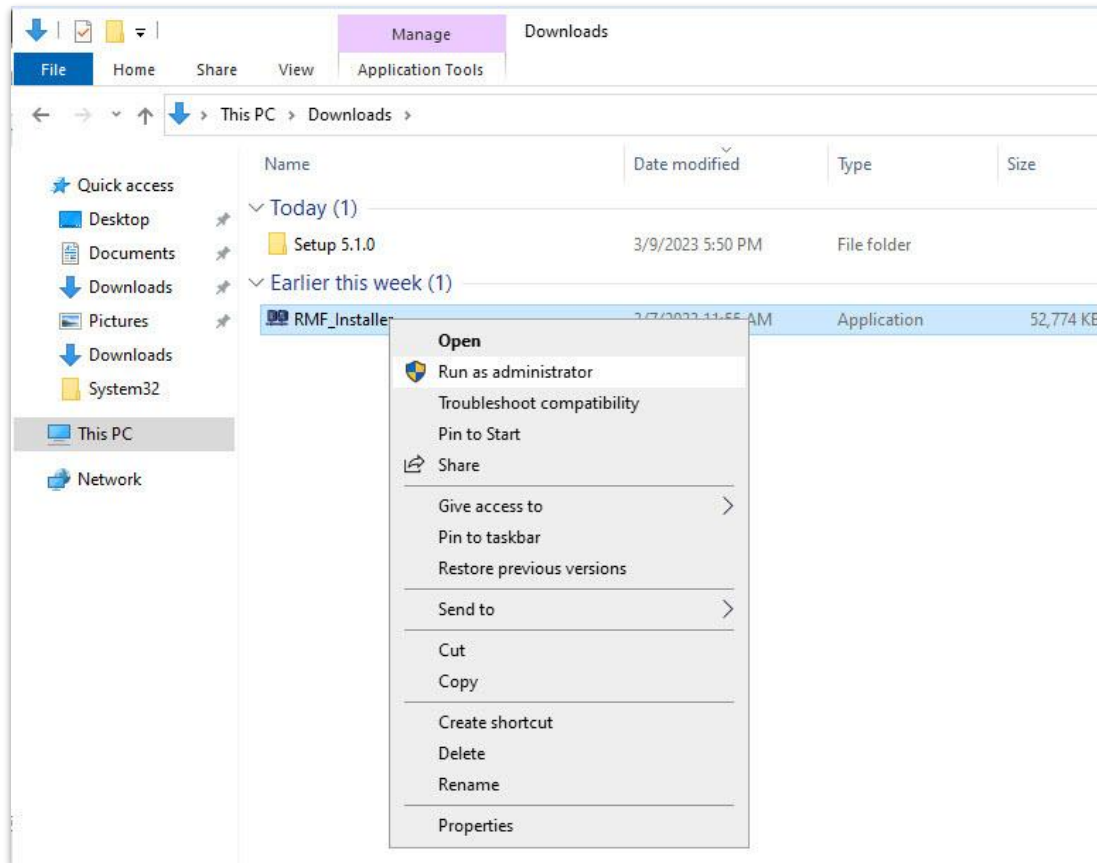
**Step 3:** Select the **Package Type - Smart Client.**  
Click **Install.**



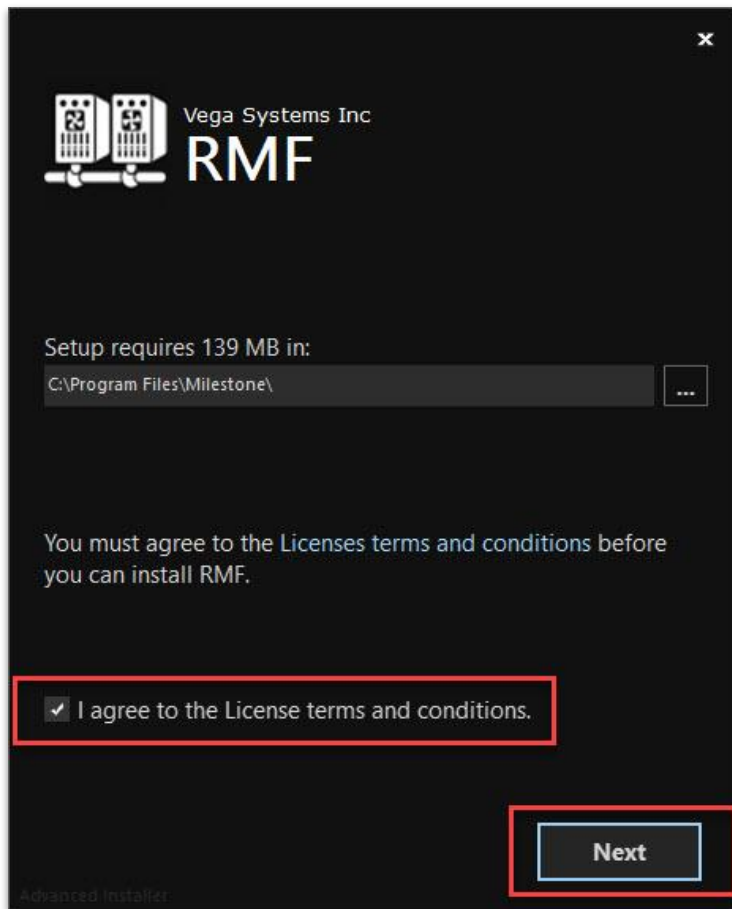
**Step 4: Installation completed.**  
Click **Finish**.



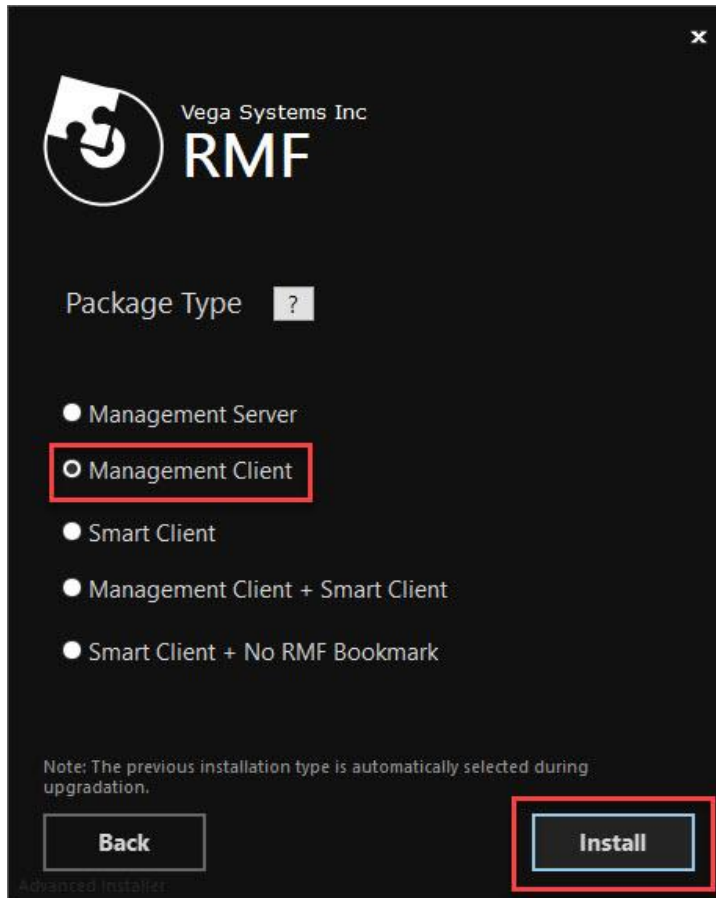
## Installing RMF on Management Client Machine



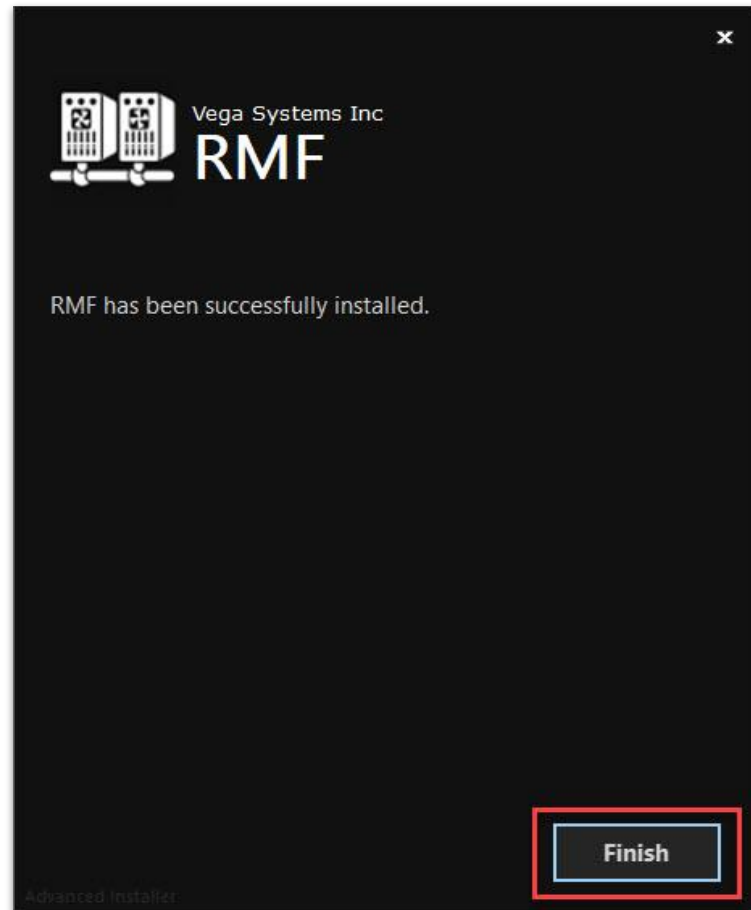
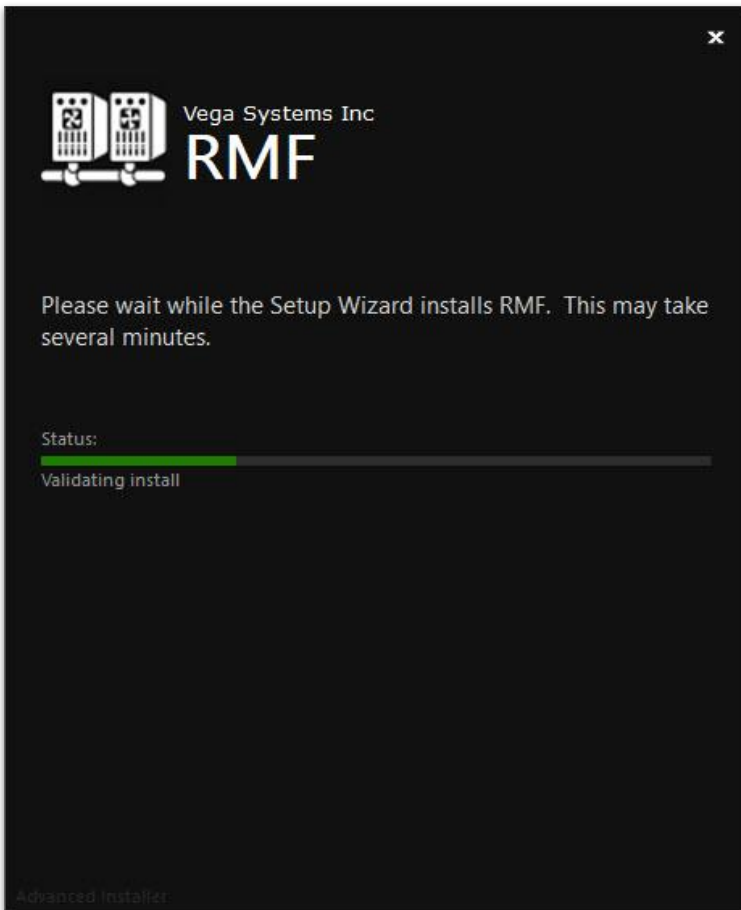
**Step 1:** Run the **RMF 5.2.0** installer on **Management Client Machine** (or)  
**Silent Install:** Command Prompt → **RMF\_Installer.exe /exenoui /qn INSTALL\_TYPE=MC**



**Step 2:** Select I agree to the license terms and conditions.  
Click Next.



**Step 3:** Select the **Package Type - Management Client.**  
Click **Install.**

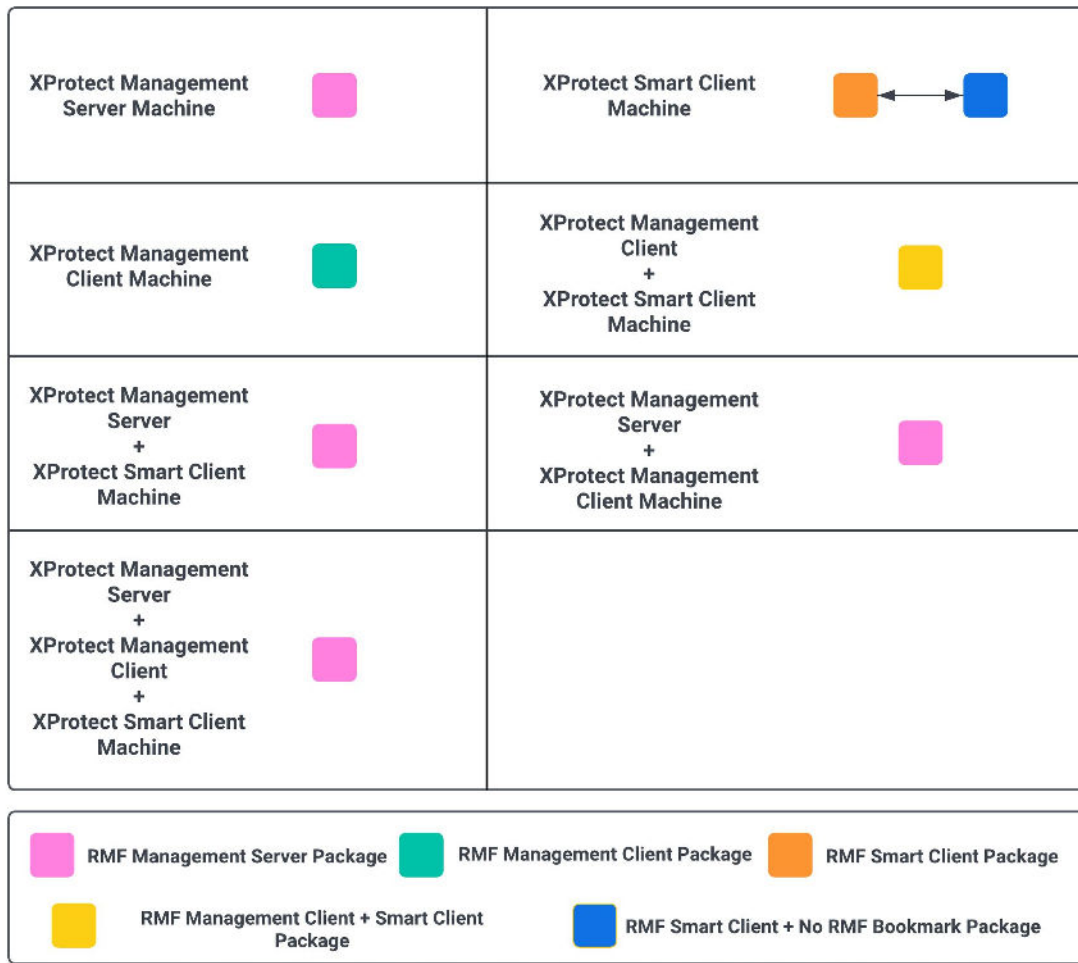


**Step 4: Installation completed.**  
Click **Finish**.





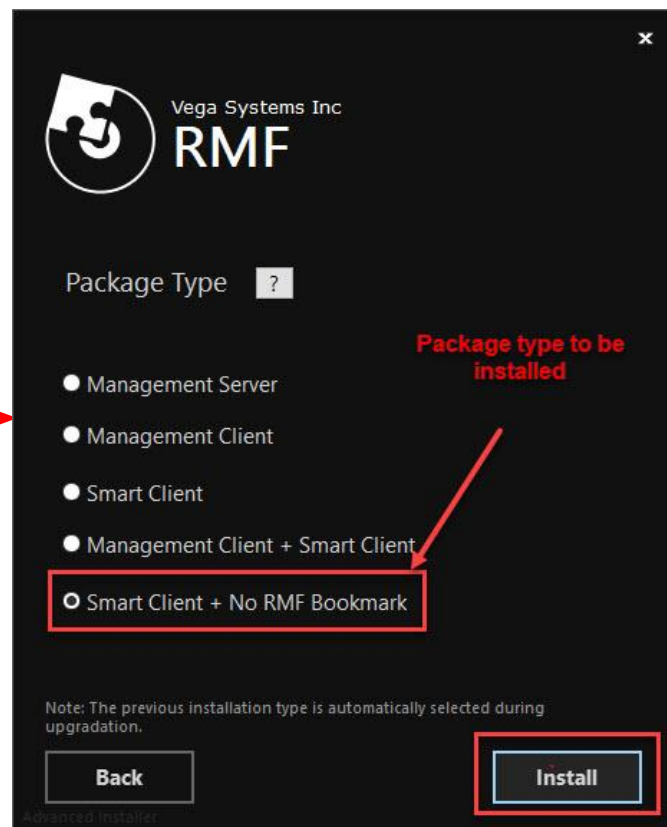
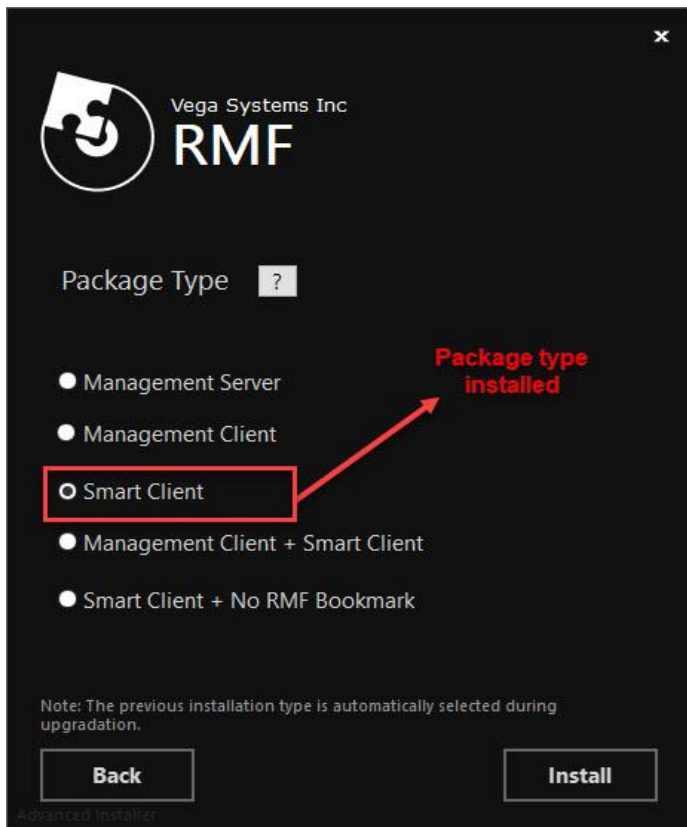
# RMF Modify Process



## RMF Modification Possibilities

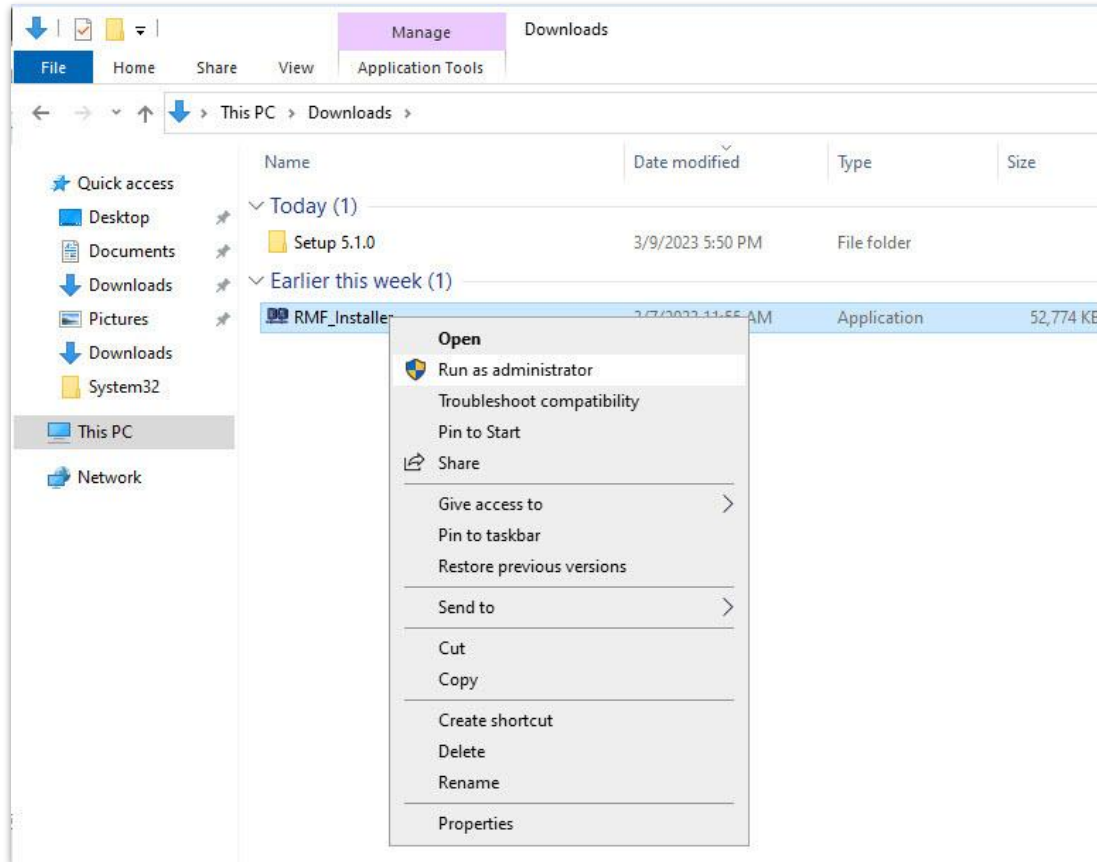


## Modifying RMF on Smart Client Machine

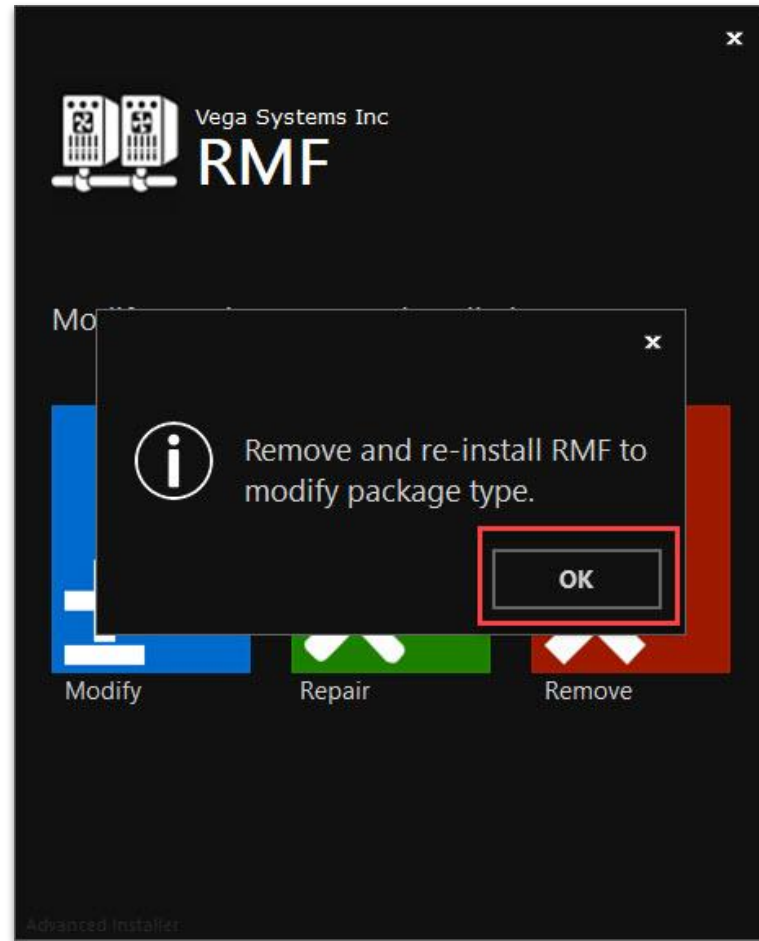
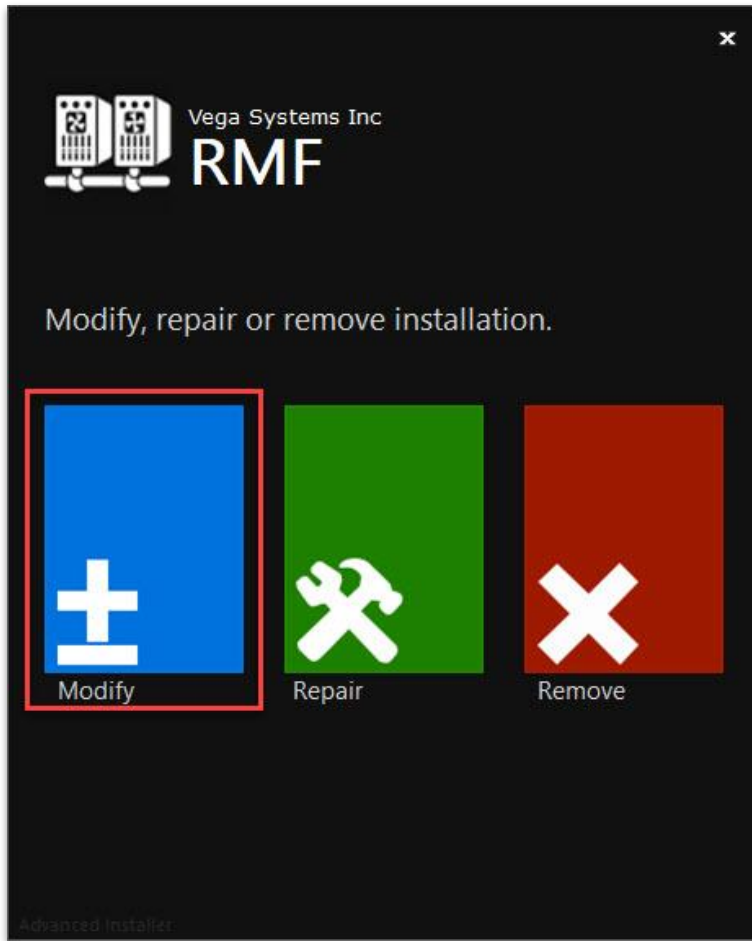


**Proceed with the modification process if it is necessary to change the installed package type to another package type.**

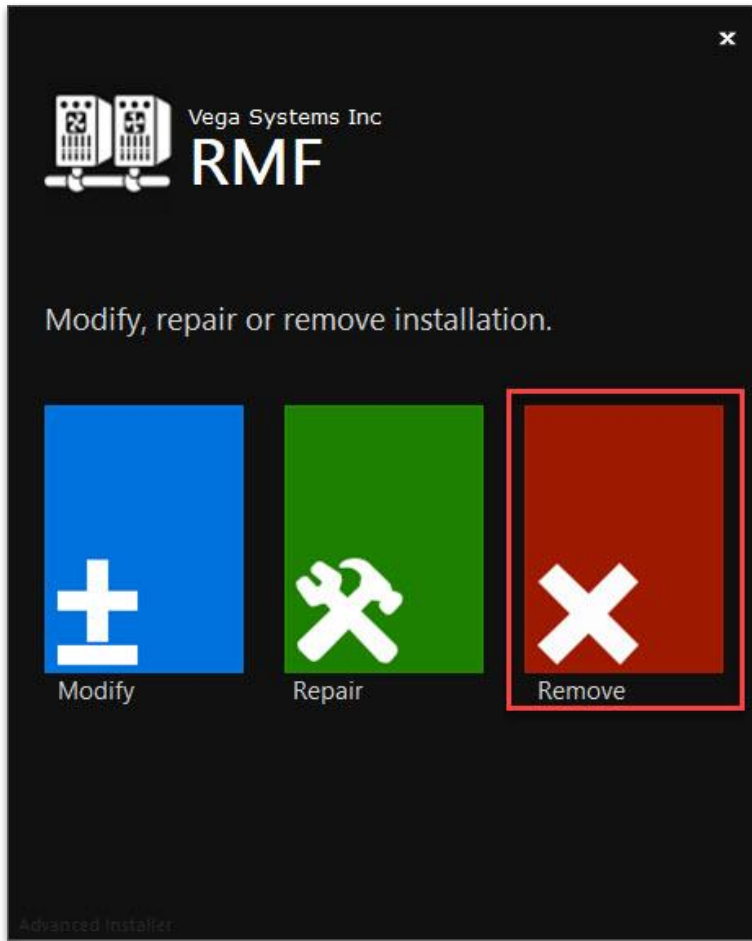
For instance, Smart Client package to Smart Client + No RMF Bookmark package.



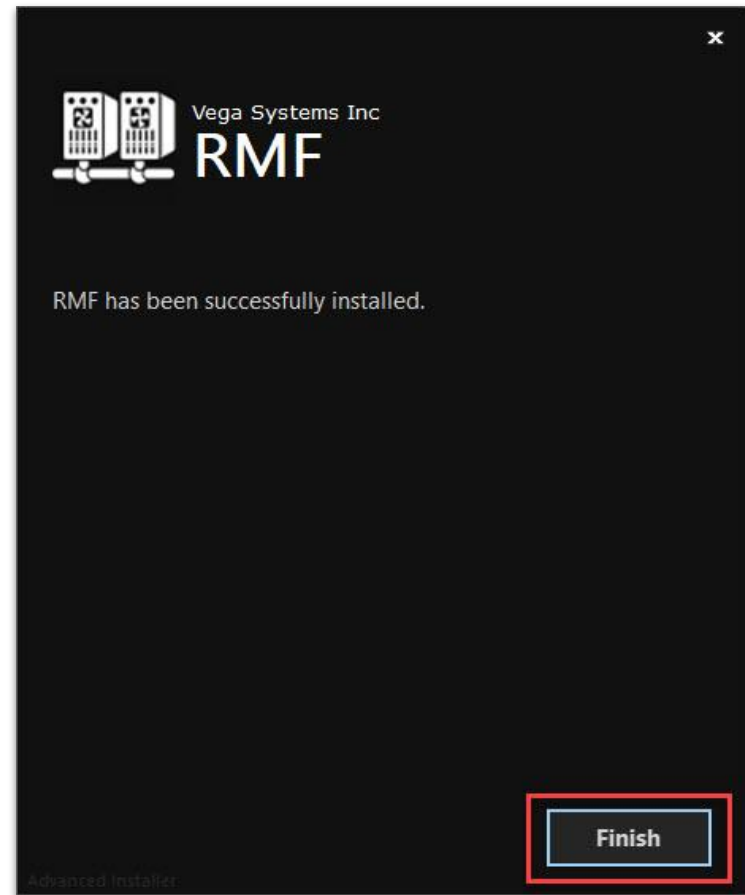
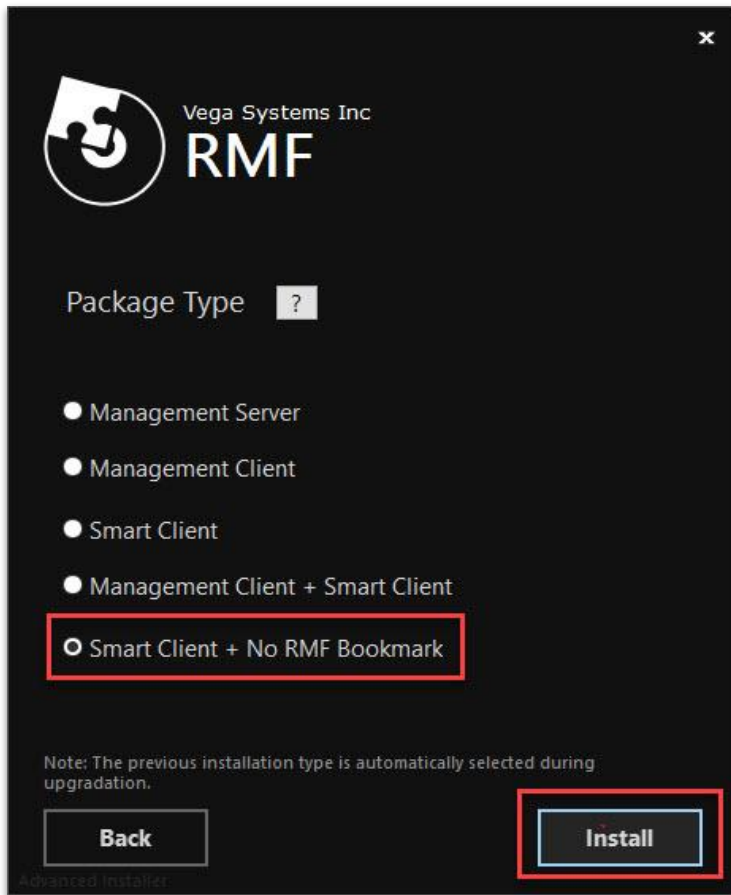
**Step 1**: Run the **RMF 5.2.0** installer on the **Smart Client Machine**.



**Step 2:** Click **Modify**.  
**Remove and Re-install RMF to Modify Package Type:**

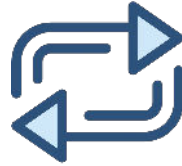


**Step 3**: Click **Remove RMF**.



**Step 4:** Run the **RMF 5.2.0** installer on the **Smart Client Machine** from which RMF was removed.





Follow the same steps to **Modify RMF on Smart Client Machine + Management Client Machine** or any other machine that has RMF installed.

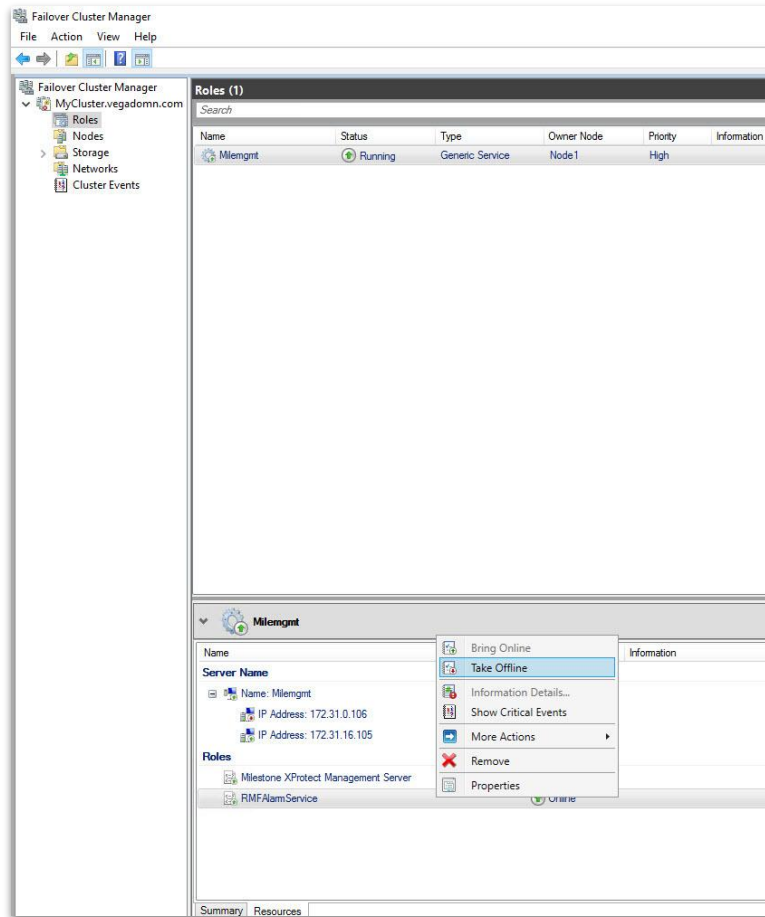
**Note: Select the appropriate package type when installing RMF.**



# RMF Repair Process



## Repairing RMF on Management Server Cluster Node 1



**Step 1:** Goto Failover Cluster Management Server → Roles.  
Make the RMF Alarm Service Offline on Management Server Cluster Node 1 machine.

Failover Cluster Manager

File Action View Help

Failover Cluster Manager

MyCluster.vegadomn.com

Roles (1)

Name	Status	Type	Owner Node	Priority	Information
Milemgmt	Partially Running	Generic Service	Node1	High	

Server Name

Name	Status	Information
Name: Milemgmt	Online	
IP Address: 172.31.0.106	Offline	
IP Address: 172.31.16.105	Online	

Roles

Milestone XProtect Management Server	Online
RMFAlarmService	Offline

Help

Services (Local)

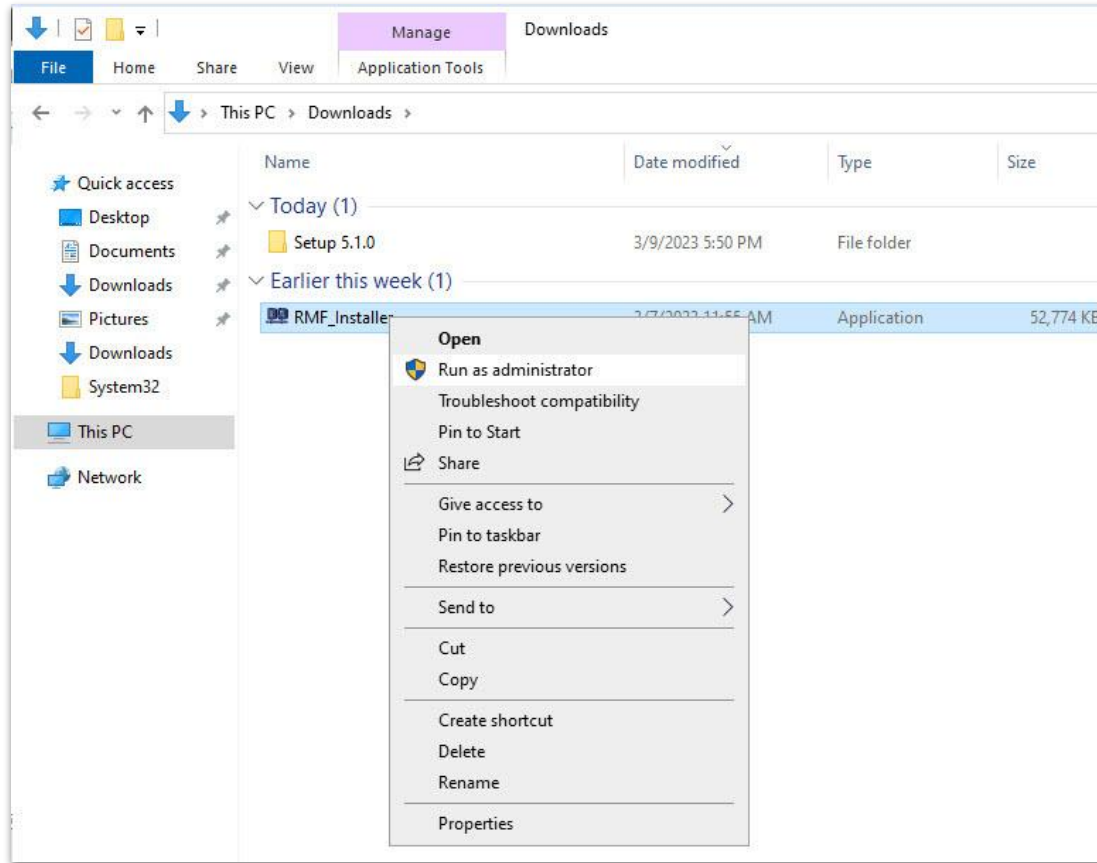
RMFAlarmService

Start the service

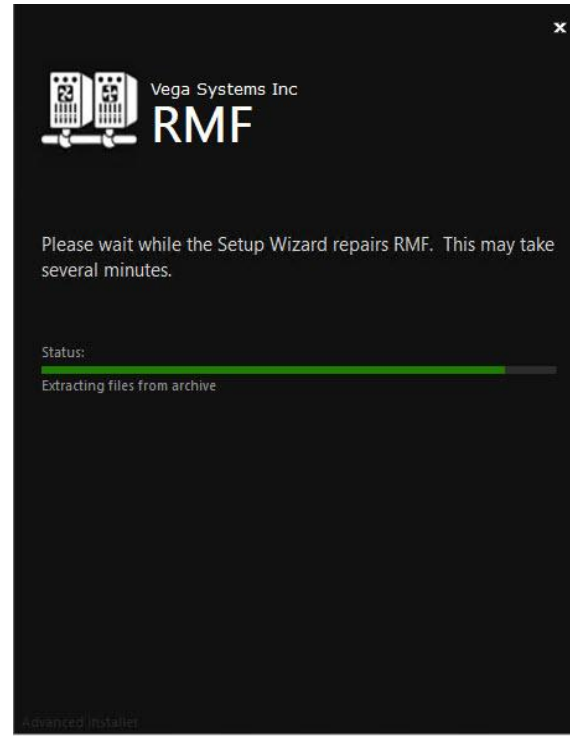
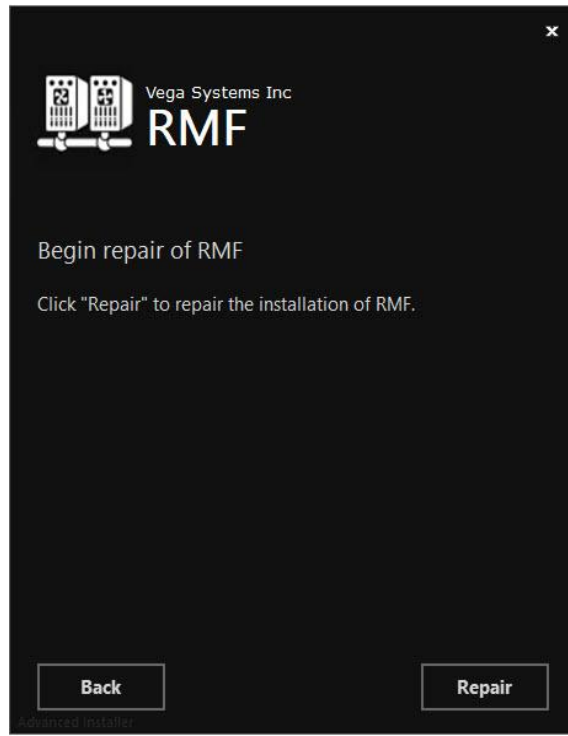
Description:  
RMF filters duplicate alarms generated by RMF cameras

Name	Description	Status	Startup Type	Log On As
Radio Management Service	Radio Mana...		Disabled	Local Service
Remote Access Auto Conne...	Creates a co...		Manual	Local Syste...
Remote Access Connection...	Manages di...	Running	Automatic	Local Syste...
Remote Desktop Configurati...	Remote Des...	Running	Manual	Local Syste...
Remote Desktop Services	Allows user...	Running	Manual	Network S...
Remote Desktop Services U...	Allows the r...	Running	Manual	Local Syste...
Remote Procedure Call (RPC)	The RPCSS s...	Running	Automatic	Network S...
Remote Procedure Call (RP...	In Windows...		Manual	Network S...
Remote Registry	Enables rem...		Automatic (T...	Local Service
Resultant Set of Policy Provi...	Provides a n...		Manual	Local Syste...
RMFAlarmService	RMF filters ...		Manual	Network S...
Routing and Remote Access	Offers routi...		Disabled	Local Syste...
RPC Endpoint Mapper	Resolves RP...	Running	Automatic	Network S...
Secondary Logon	Enables star...		Manual	Local Syste...
Secure Socket Tunneling Pr...	Provides su...	Running	Manual	Local Service
Security Accounts Manager	The startup ...	Running	Automatic	Local Syste...
Sensor Data Service	Delivers dat...		Disabled	Local Syste...
Sensor Monitoring Service	Monitors va...		Manual (Trig...	Local Service
Sensor Service	A service fo...		Manual (Trig...	Local Syste...
Server	Supports fil...	Running	Automatic (T...	Local Syste...
Shared PC Account Manager	Manages pr...		Disabled	Local Syste...

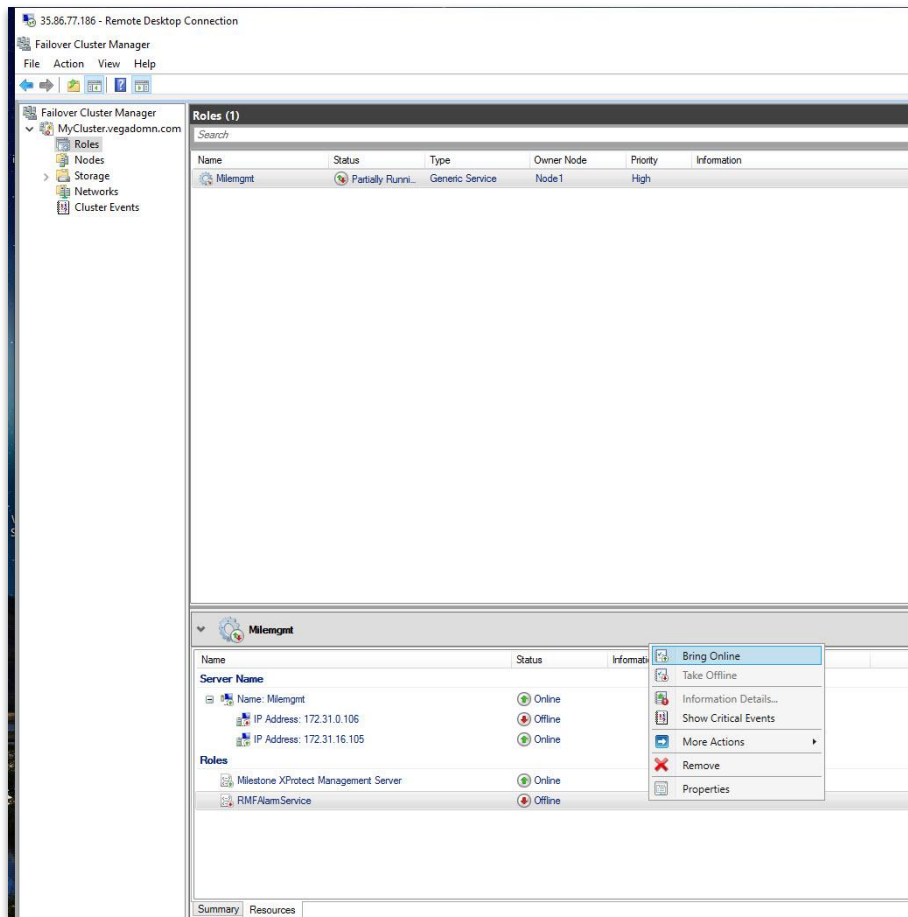
**Verification Step:** Verify the RMF Alarm Service Status after stopping the service



**Step 2:** Run the **RMF 5.2.0** installer on **Management Server Cluster Node 1** machine.



**Step 3:** Click on the **Repair** Button



**Step 4:** Goto **Failover Cluster Management Server** → **Roles**.

Make the **RMF Alarm Service Role Online** on **Management Server Cluster Node 1** or **Node 2** machine.



Failover Cluster Manager

File Action View Help

Failover Cluster Manager  
MyCluster.vegaadm.com

Roles (1)

Name	Status	Type	Owner Node	Priority	Information
Mlemgmt	Running	Generic Service	Node1	High	

Server Name

Name	Status	Information
Name: Mlemgmt	Online	
IP Address: 172.31.0.106	Offline	
IP Address: 172.31.16.105	Online	

Roles

Milestone XProtect Management Server	Online
RMF Alarm Service	Online

Summary Resources

Help

Services (Local)

RMFAlarmService

[Stop the service](#)  
[Restart the service](#)

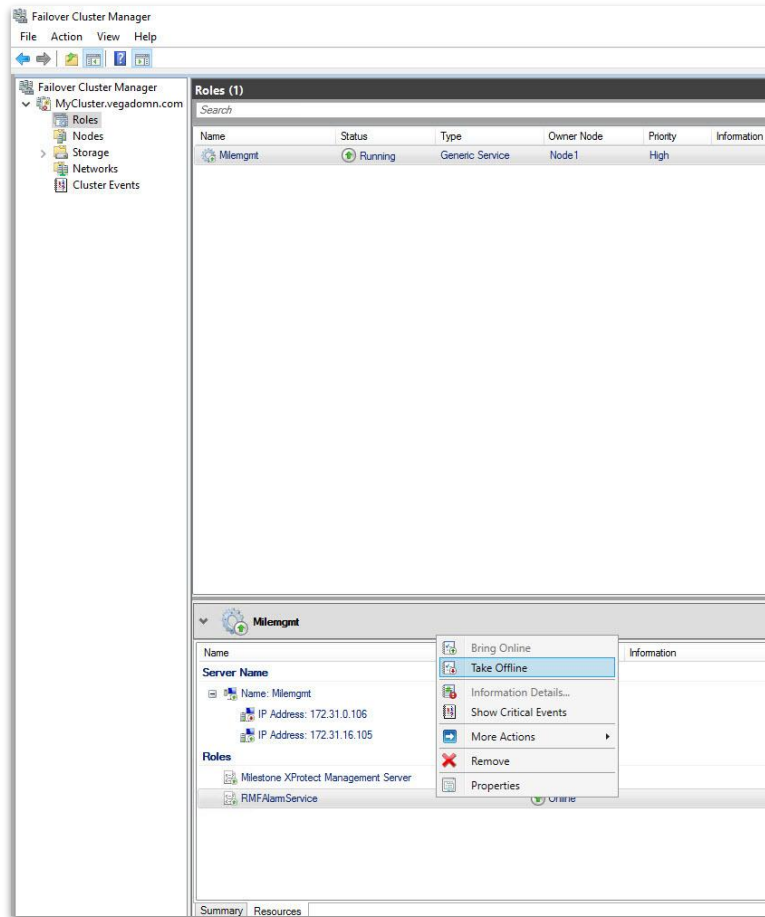
Description:  
RMF filters duplicate alarms generated by RMF cameras

Name	Description	Status	Startup Type	Log On As
Radio Management Service	Radio Mana...		Disabled	Local Service
Remote Access Auto Conne...	Creates a co...		Manual	Local Syste...
Remote Access Connection...	Manages di...	Running	Automatic	Local Syste...
Remote Desktop Configurat...	Remote Des...	Running	Manual	Local Syste...
Remote Desktop Services	Allows user...	Running	Manual	Network S...
Remote Desktop Services U...	Allows the r...	Running	Manual	Local Syste...
Remote Procedure Call (RPC)	The RPCSS s...	Running	Automatic	Network S...
Remote Procedure Call (RP...	In Windows...		Manual	Network S...
Remote Registry	Enables rem...		Automatic (T...	Local Service
Resultant set of Policy Provi...	Provides a n...		Manual	Local Syste...
RMFAlarmService	RMF filters ...	Running	Manual	Network S...
Routing and Remote Access	Offers rout...		Disabled	Local Syste...
RPC Endpoint Mapper	Resolves RP...	Running	Automatic	Network S...
Secondary Logon	Enables star...		Manual	Local Syste...
Secure Socket Tunneling Pr...	Provides su...	Running	Manual	Local Service
Security Accounts Manager	The startup ...	Running	Automatic	Local Syste...
Sensor Data Service	Delivers dat...		Disabled	Local Syste...
Sensor Monitoring Service	Monitors va...		Manual (Trig...	Local Service
Sensor Service	A service fo...		Manual (Trig...	Local Syste...
Server	Supports fil...	Running	Automatic (T...	Local Syste...
Shared PC Account Manager	Manages pr...		Disabled	Local Syste...

**Verification Step:** RMF Alarm Service Status after starting the service



## Repairing RMF on Management Server Cluster Node 2



**Step 1:** Goto Failover Cluster Management Server → Roles.  
Make the RMF Alarm Service Offline on Management Server Cluster Node 2 machine.

Failover Cluster Manager

File Action View Help

Failover Cluster Manager

MyCluster.vegadomn.com

Roles (1)

Name	Status	Type	Owner Node	Priority	Information
Milemgmt	Partially Running	Generic Service	Node1	High	

Milemgmt

Name	Status	Information
<b>Server Name</b>		
Name: Milemgmt	Online	
IP Address: 172.31.0.106	Offline	
IP Address: 172.31.16.105	Online	
<b>Roles</b>		
Milestone XProtect Management Server	Online	
RMFAlarmService	Offline	

Summary Resources

Help

Services (Local)

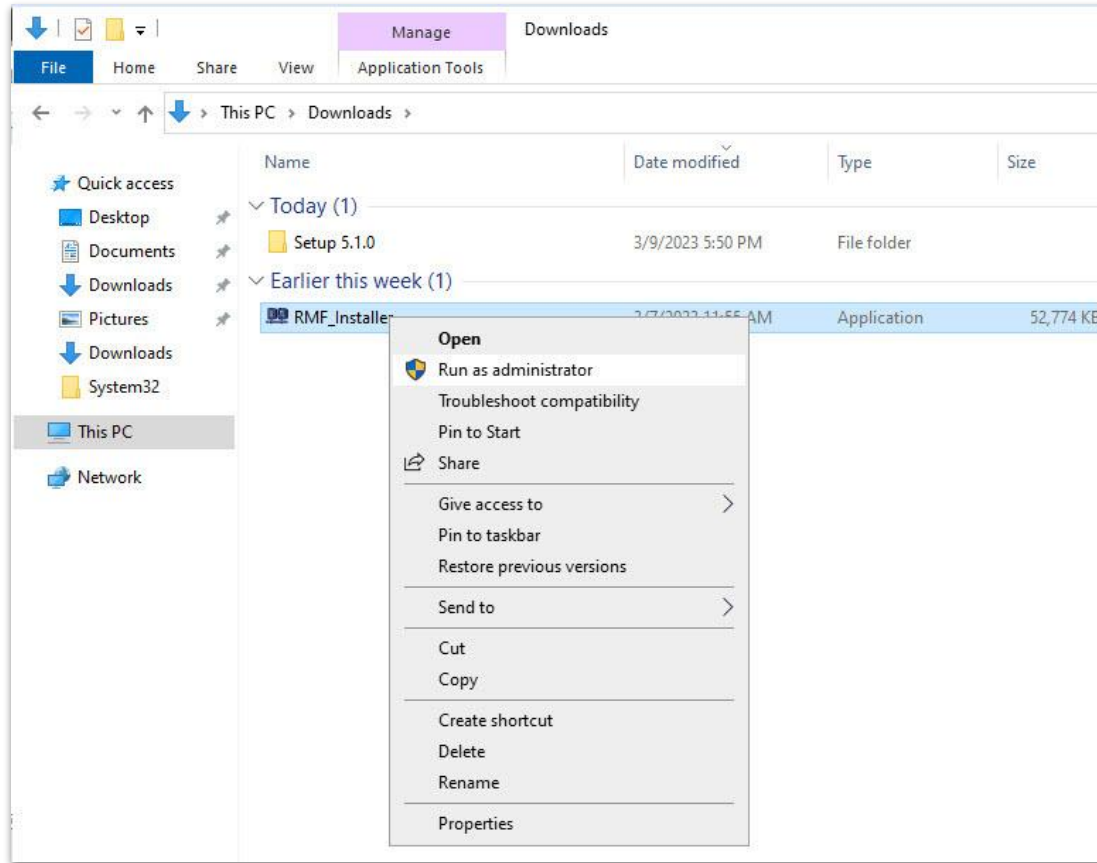
**RMFAlarmService**

[Start the service](#)

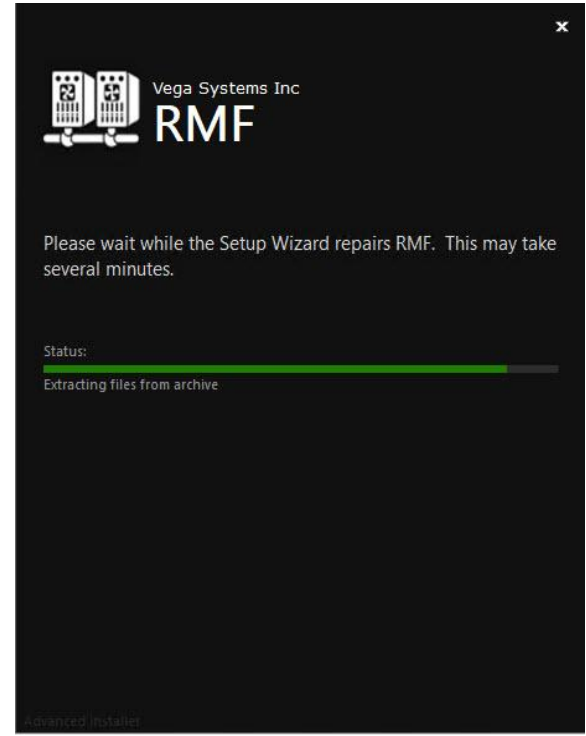
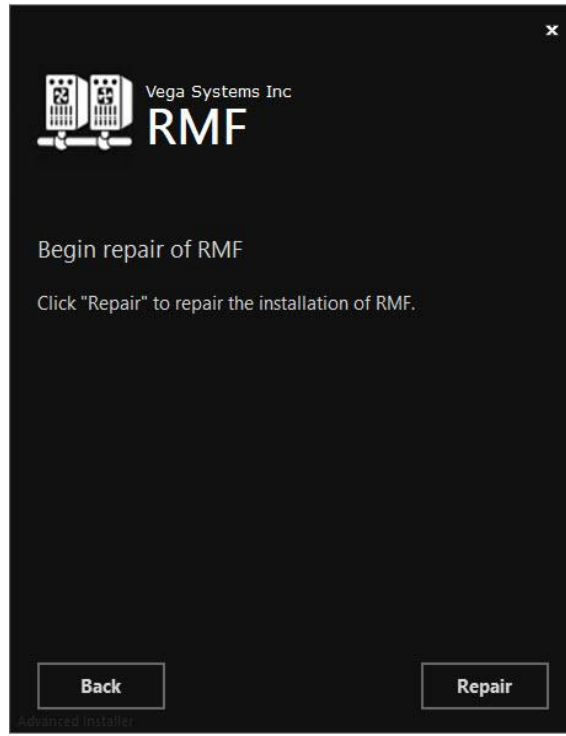
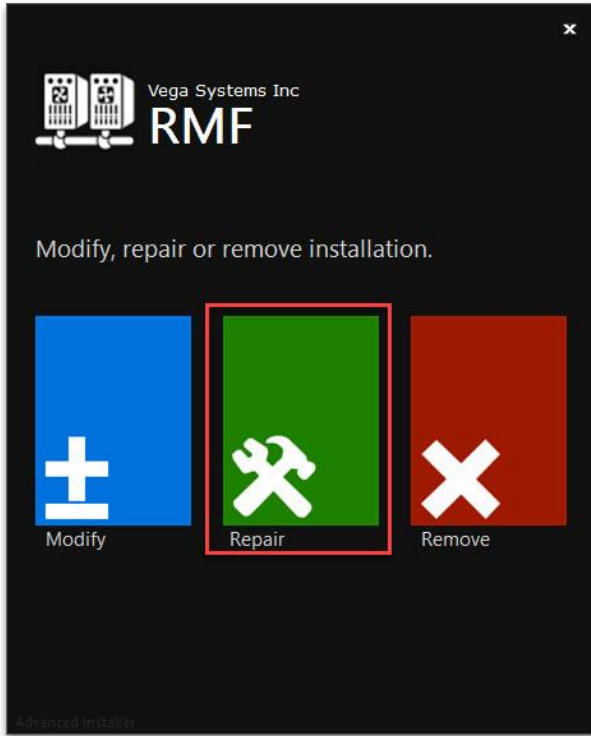
Description:  
RMF filters duplicate alarms generated by RMF cameras

Name	Description	Status	Startup Type	Log On As
Radio Management Service	Radio Mana...		Disabled	Local Service
Remote Access Auto Conne...	Creates a co...		Manual	Local Syste...
Remote Access Connection...	Manages di...	Running	Automatic	Local Syste...
Remote Desktop Configurati...	Remote Des...	Running	Manual	Local Syste...
Remote Desktop Services	Allows user...	Running	Manual	Network S...
Remote Desktop Services U...	Allows the r...	Running	Manual	Local Syste...
Remote Procedure Call (RPC)	The RPCSS s...	Running	Automatic	Network S...
Remote Procedure Call (RP...	In Windows...		Manual	Network S...
Remote Registry	Enables rem...		Automatic (T...	Local Service
Resultant Set of Policy Provi...	Provides a n...		Manual	Local Syste...
<b>RMFAlarmService</b>	<b>RMF filters ...</b>		<b>Manual</b>	<b>Network S...</b>
Routing and Remote Access	Offers routi...		Disabled	Local Syste...
RPC Endpoint Mapper	Resolves RP...	Running	Automatic	Network S...
Secondary Logon	Enables star...		Manual	Local Syste...
Secure Socket Tunneling Pr...	Provides su...	Running	Manual	Local Service
Security Accounts Manager	The startup ...	Running	Automatic	Local Syste...
Sensor Data Service	Delivers dat...		Disabled	Local Syste...
Sensor Monitoring Service	Monitors va...		Manual (Trig...	Local Service
Sensor Service	A service fo...		Manual (Trig...	Local Syste...
Server	Supports fil...	Running	Automatic (T...	Local Syste...
Shared PC Account Manager	Manages pr...		Disabled	Local Syste...

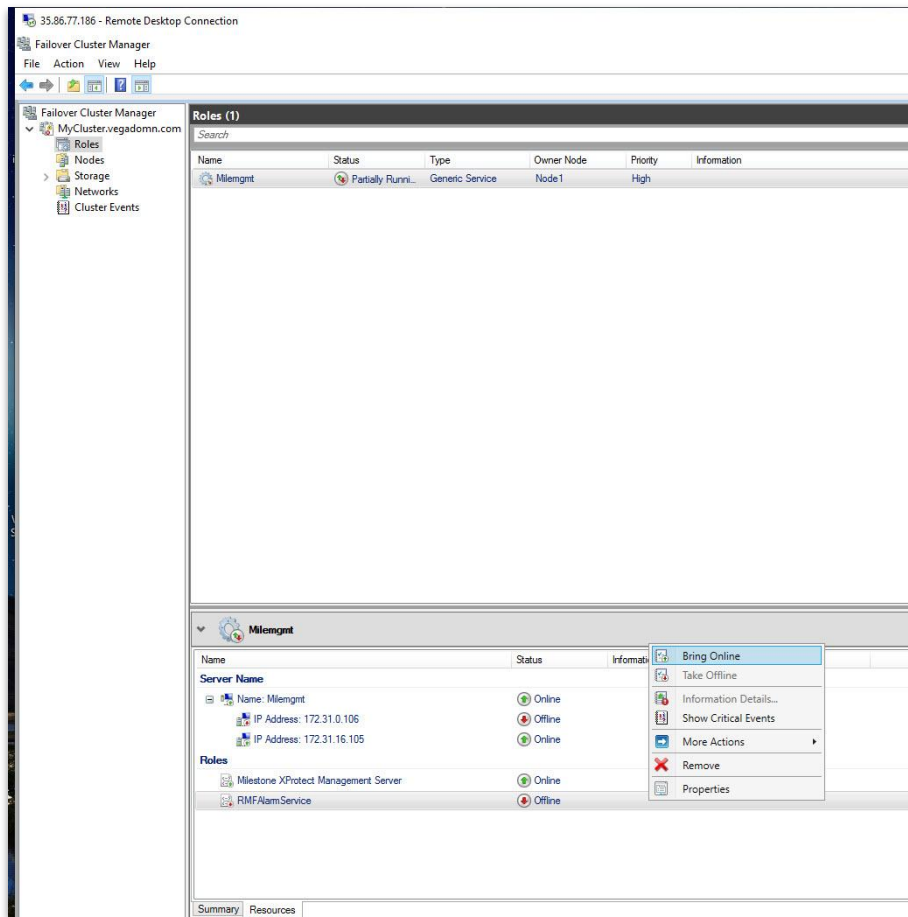
**Verification Step:** Verify the RMF Alarm Service Status after stopping the service



**Step 2:** Run the **RMF 5.2.0** installer on **Management Server Cluster Node 2** machine.



**Step 3:** Click on the **Repair** Button



**Step 4:** Goto Failover Cluster Management Server → Roles.

Make the **RMF Alarm Service Role Online** on **Management Server Cluster Node 1** or **Node 2** machine.

Failover Cluster Manager

File Action View Help

Failover Cluster Manager  
MyCluster.vegaadm.com

Roles (1)

Name	Status	Type	Owner Node	Priority	Information
Mlemgmt	Running	Generic Service	Node1	High	

Milemgmt

Name	Status	Information
<b>Server Name</b>		
Name: Milemgmt	Online	
IP Address: 172.31.0.106	Offline	
IP Address: 172.31.16.105	Online	
<b>Roles</b>		
Milestone XProtect Management Server	Online	
RMF Alarm Service	Online	

Summary Resources

Help

Services (Local)

**RMFAlarmService**

[Stop the service](#)  
[Restart the service](#)

Description:  
RMF filters duplicate alarms generated by RMF cameras

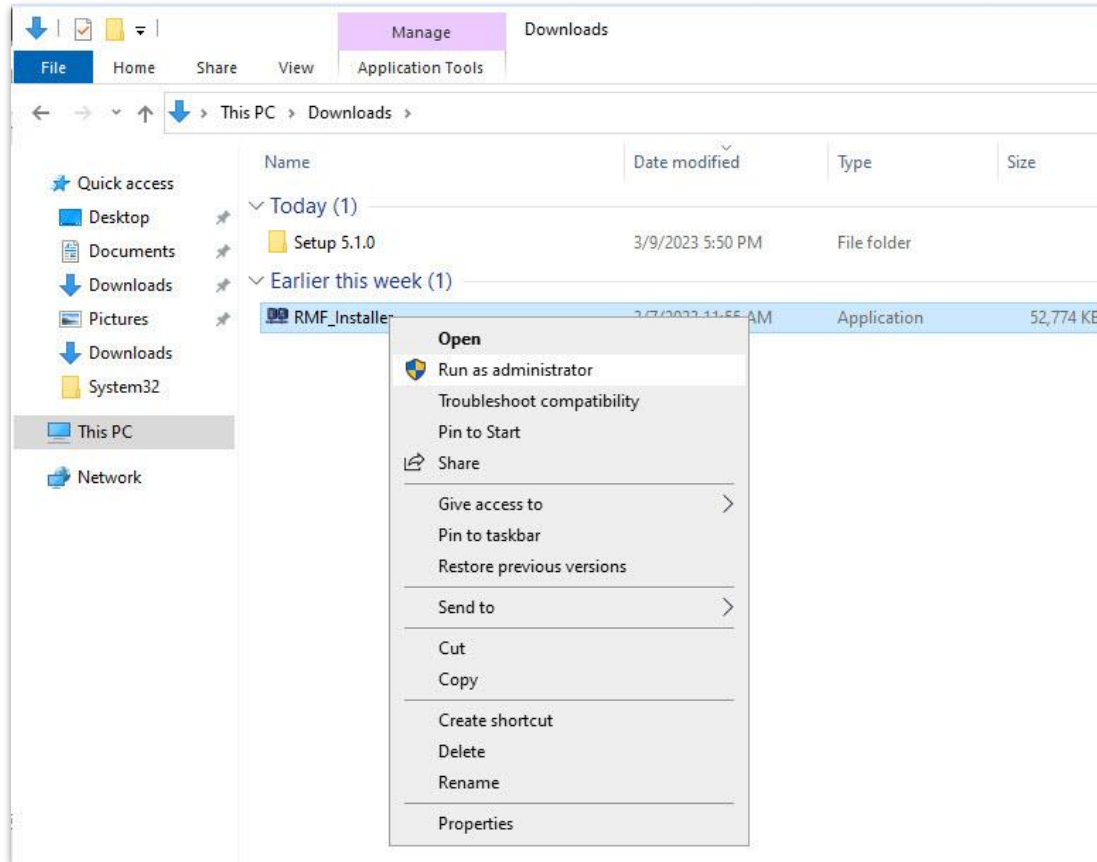
Name	Description	Status	Startup Type	Log On As
Radio Management Service	Radio Mana...		Disabled	Local Service
Remote Access Auto Conne...	Creates a co...		Manual	Local Syste...
Remote Access Connection...	Manages di...	Running	Automatic	Local Syste...
Remote Desktop Configurat...	Remote Des...	Running	Manual	Local Syste...
Remote Desktop Services	Allows user...	Running	Manual	Network S...
Remote Desktop Services U...	Allows the r...	Running	Manual	Local Syste...
Remote Procedure Call (RPC)	The RPCSS s...	Running	Automatic	Network S...
Remote Procedure Call (RP...	In Windows...		Manual	Network S...
Remote Registry	Enables rem...		Automatic (T...	Local Service
Resultant Set of Policy Provi...	Provides a n...		Manual	Local Syste...
<b>RMFAlarmService</b>	<b>RMF filters ...</b>	<b>Running</b>	<b>Manual</b>	<b>Network S...</b>
Routing and Remote Access	Offers rout...		Disabled	Local Syste...
RPC Endpoint Mapper	Resolves RP...	Running	Automatic	Network S...
Secondary Logon	Enables star...		Manual	Local Syste...
Secure Socket Tunneling Pr...	Provides su...	Running	Manual	Local Service
Security Accounts Manager	The startup ...	Running	Automatic	Local Syste...
Sensor Data Service	Delivers dat...		Disabled	Local Syste...
Sensor Monitoring Service	Monitors va...		Manual (Trig...	Local Service
Sensor Service	A service fo...		Manual (Trig...	Local Syste...
Server	Supports fil...	Running	Automatic (T...	Local Syste...
Shared PC Account Manager	Manages pr...		Disabled	Local Syste...

**Verification Step:** RMF Alarm Service Status after starting the service

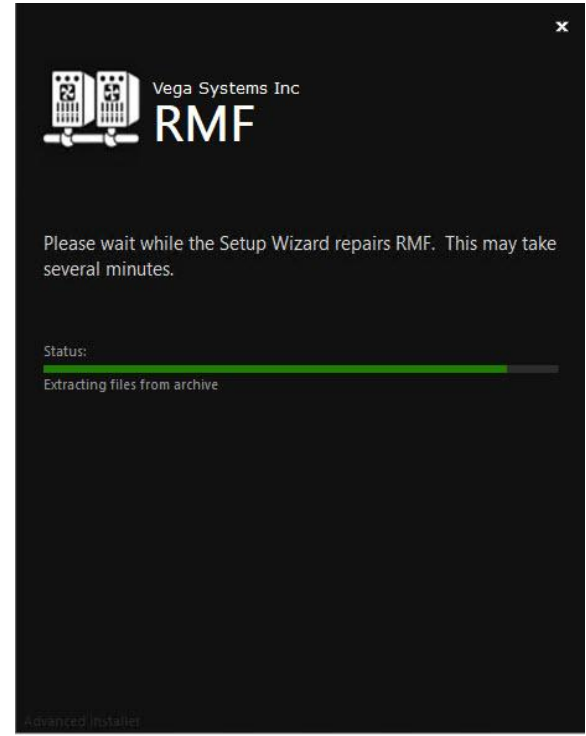
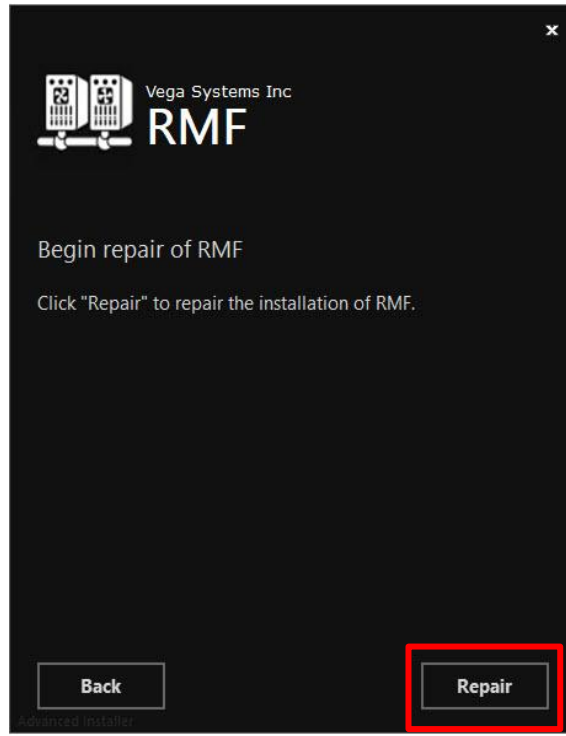
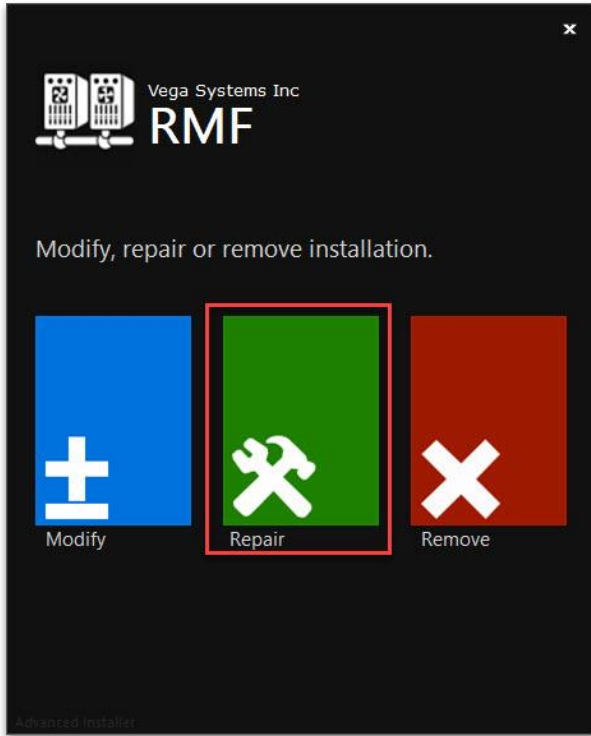




## Repairing RMF on Smart Client Machine



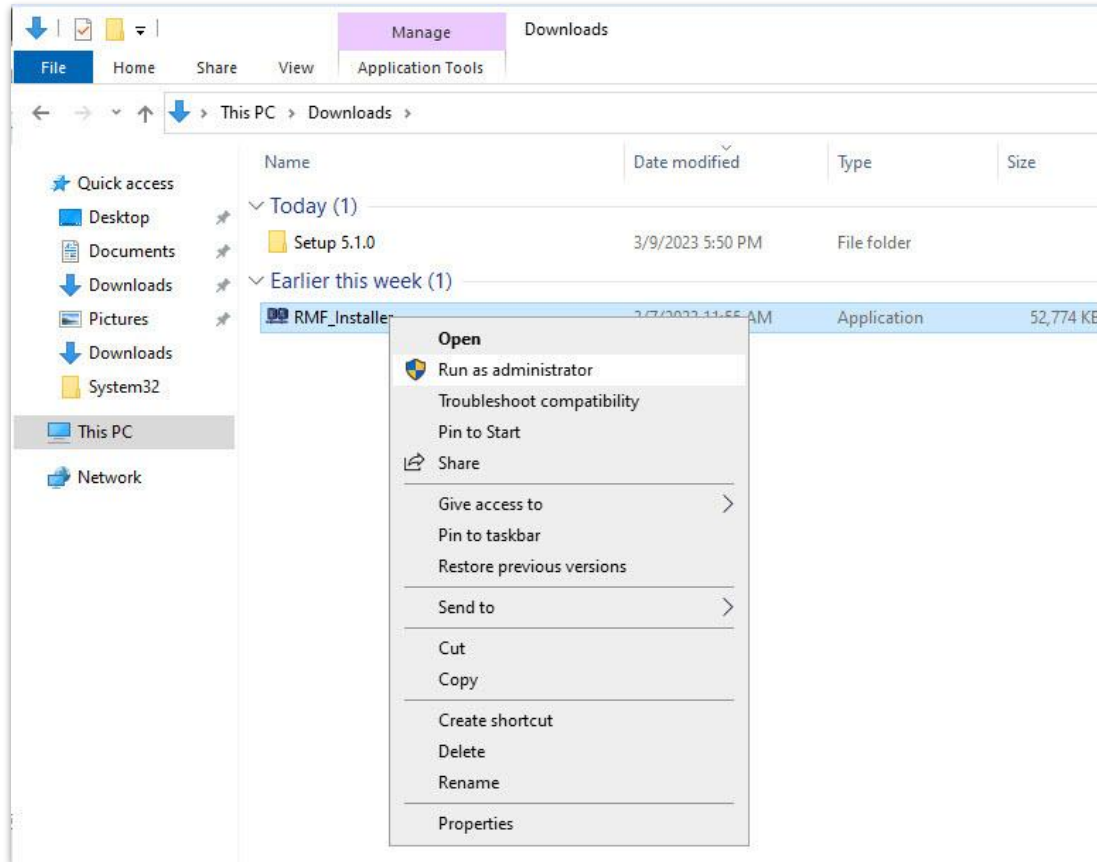
**Step 1**: Run the **RMF 5.2.0** installer on **Smart Client Machine**.



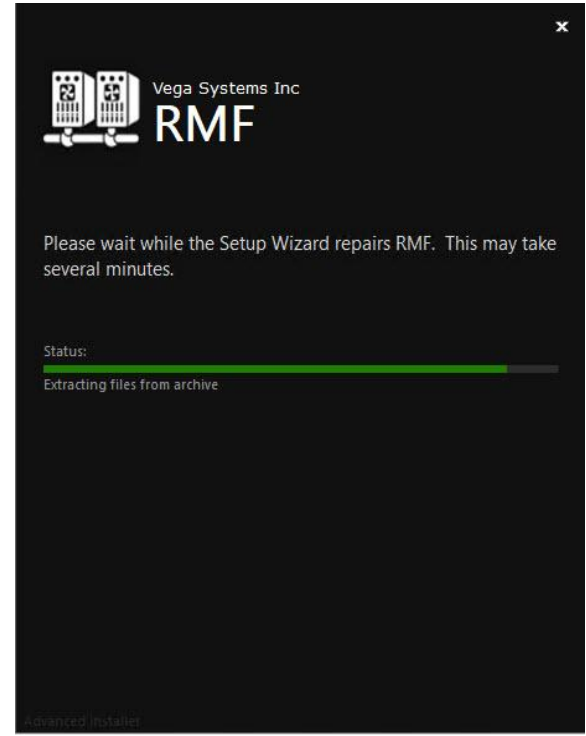
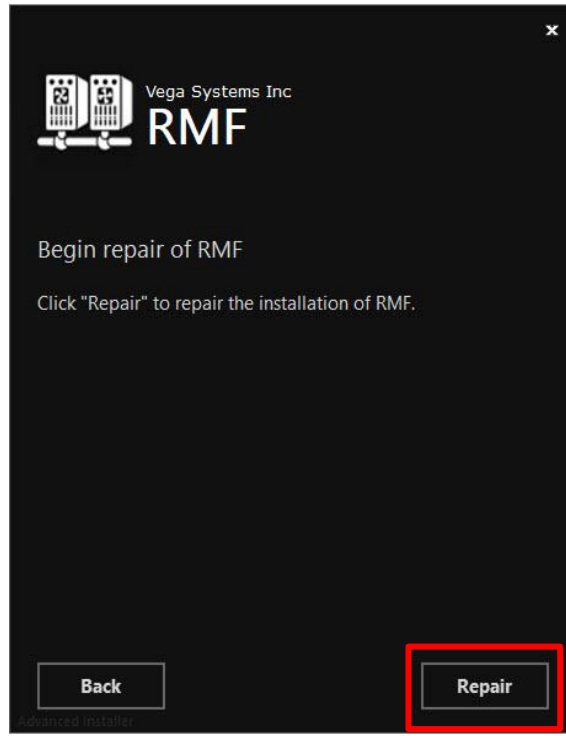
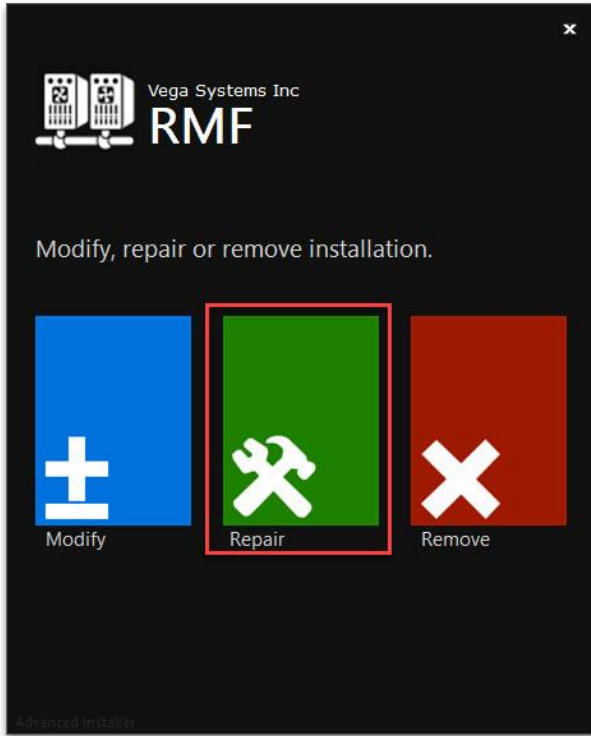
**Step 2:** Click on the **Repair** Button.



## Repairing RMF on Management Client Machine



**Step 1:** Run the **RMF 5.2.0** installer on **Management Client Machine**.



**Step 2:** Click on the **Repair** Button.

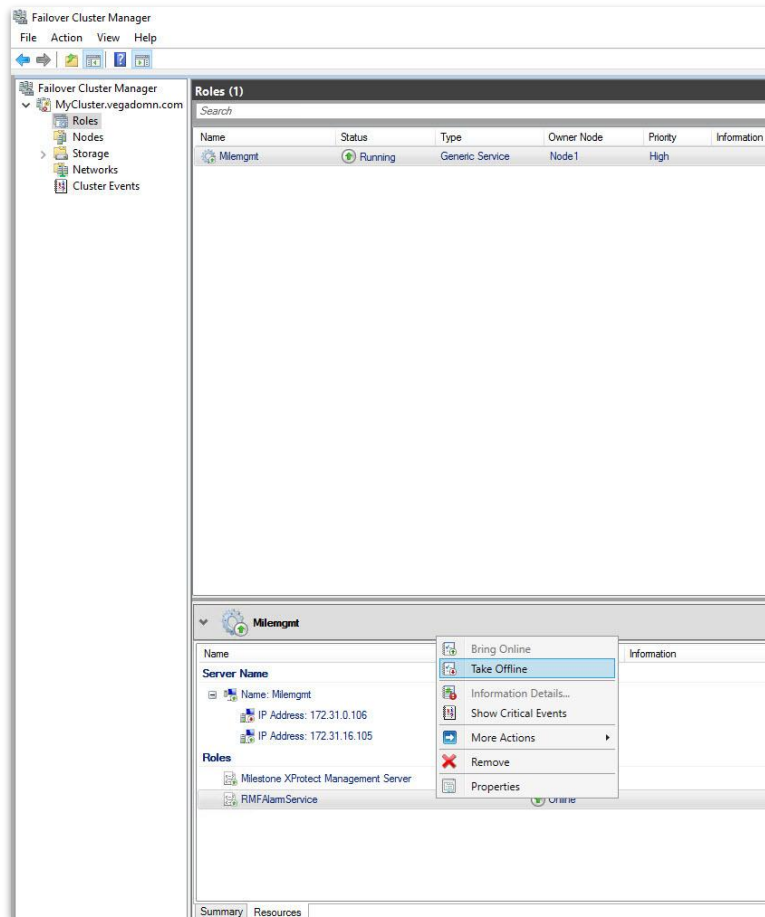


# RMF Remove Process



## Removing RMF from Management Server Cluster Node 1





**Step 1:** Goto Failover Cluster Management Server → Roles.

Make the **RMF Alarm Service Role Offline** on **Management Server Cluster Node 1** or **Node 2** machine.

Failover Cluster Manager

File Action View Help

Failover Cluster Manager

MyCluster.vegadomn.com

Roles (1)

Name	Status	Type	Owner Node	Priority	Information
Mlemgmt	Partially Runni...	Generic Service	Node1	High	

Mlemgmt

Name	Status	Information
<b>Server Name</b>		
Name: Mlemgmt	Online	
IP Address: 172.31.0.106	Offline	
IP Address: 172.31.16.105	Online	
<b>Roles</b>		
Milestone XProtect Management Server	Online	
RMFAlarmService	Offline	

Summary Resources

Help

Services (Local)

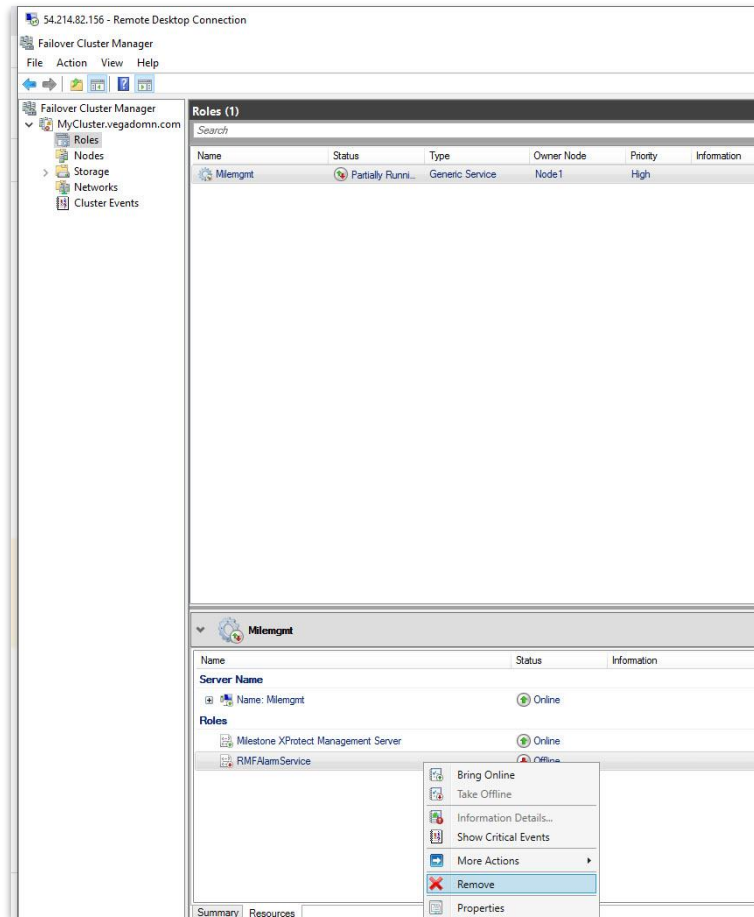
RMFAlarmService

[Start the service](#)

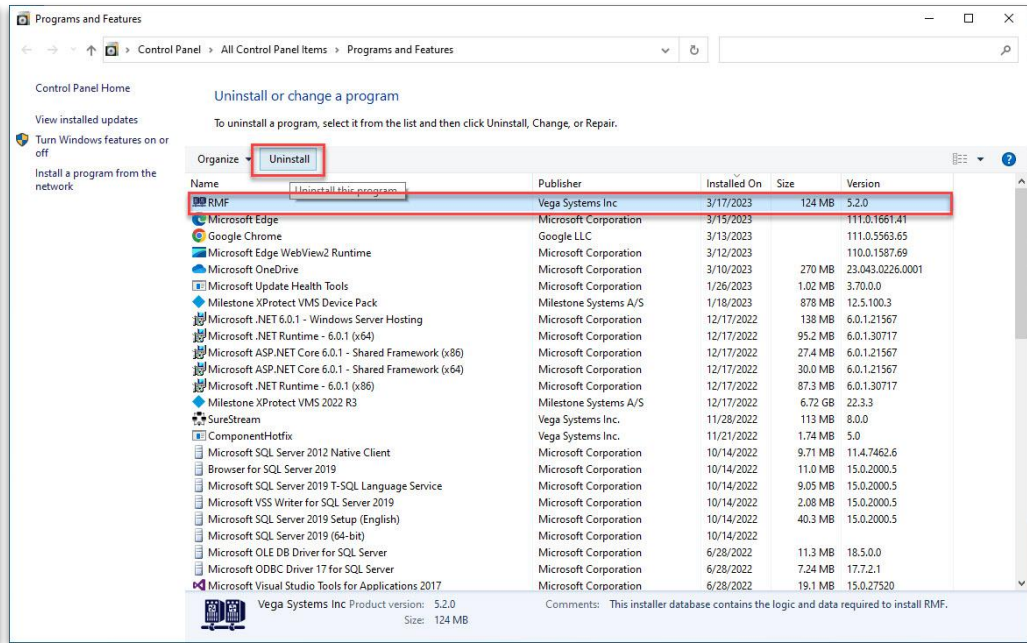
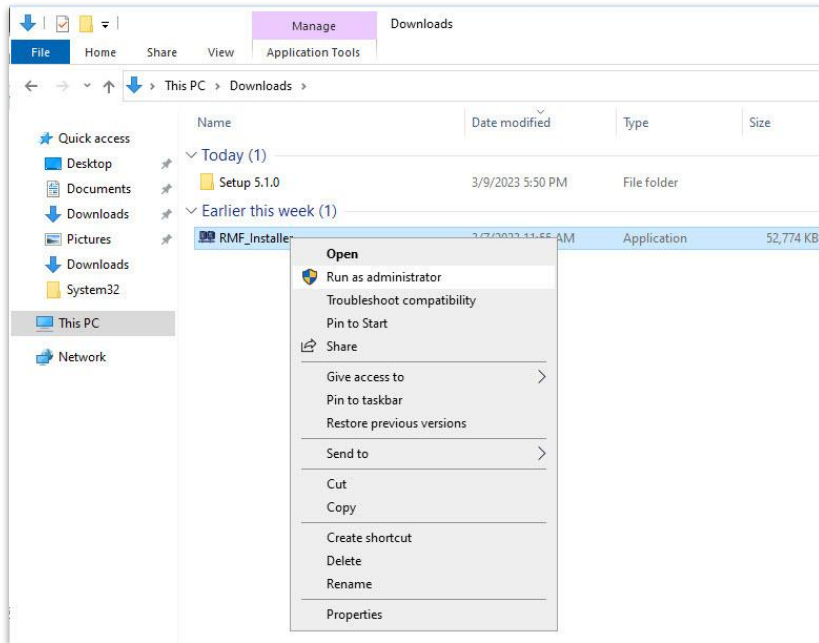
Description:  
RMF filters duplicate alarms generated by RMF cameras

Name	Description	Status	Startup Type	Log On As
Radio Management Service	Radio Mana...		Disabled	Local Service
Remote Access Auto Conne...	Creates a co...		Manual	Local Syste...
Remote Access Connection...	Manages di...	Running	Automatic	Local Syste...
Remote Desktop Configurati...	Remote Des...	Running	Manual	Local Syste...
Remote Desktop Services	Allows user...	Running	Manual	Network S...
Remote Desktop Services U...	Allows the r...	Running	Manual	Local Syste...
Remote Procedure Call (RPC)	The RPCSS s...	Running	Automatic	Network S...
Remote Procedure Call (RP...	In Windows...		Manual	Network S...
Remote Registry	Enables rem...		Automatic (T...	Local Service
Resultant Set of Policy Provi...	Provides a n...		Manual	Local Syste...
RMFAlarmService	RMF filters ...		Manual	Network S...
routing and remote access	Offers routi...		Disabled	Local Syste...
RPC Endpoint Mapper	Resolves RP...	Running	Automatic	Network S...
Secondary Logon	Enables star...		Manual	Local Syste...
Secure Socket Tunneling Pr...	Provides su...	Running	Manual	Local Service
Security Accounts Manager	The startup ...	Running	Automatic	Local Syste...
Sensor Data Service	Delivers dat...		Disabled	Local Syste...
Sensor Monitoring Service	Monitors va...		Manual (Trig...	Local Service
Sensor Service	A service fo...		Manual (Trig...	Local Syste...
Server	Supports fil...	Running	Automatic (T...	Local Syste...
Shared PC Account Manager	Manages pr...		Disabled	Local Syste...

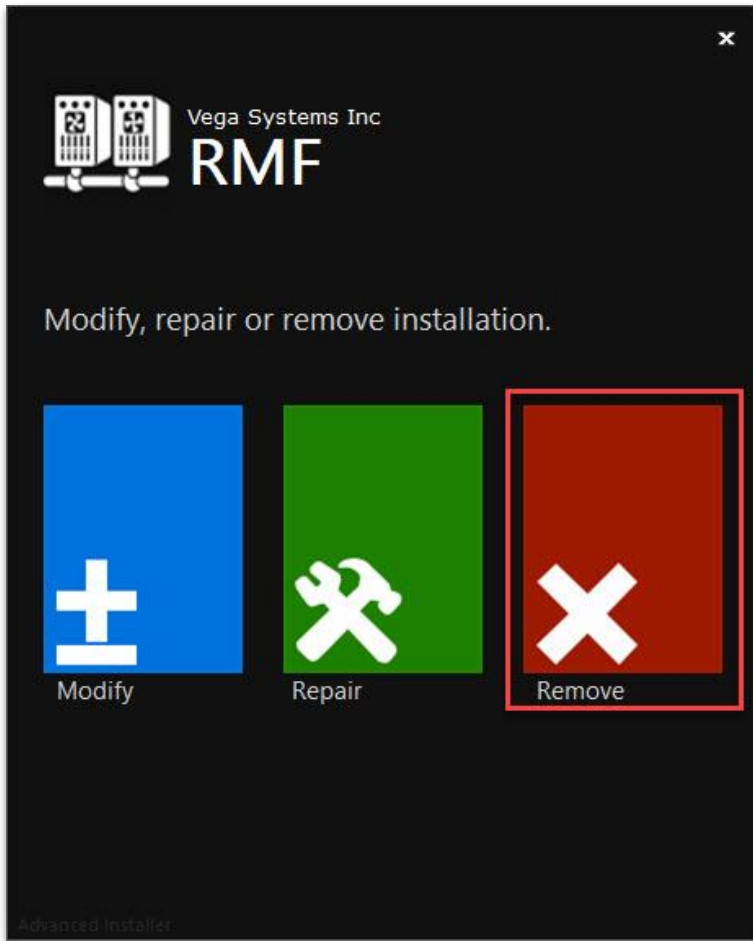
**Verification Step:** Verify the RMF Alarm Service Status after stopping the service



**Step 2:** Goto Failover Cluster Management Server → Roles.  
Remove RMF Alarm Service from Management Roles.



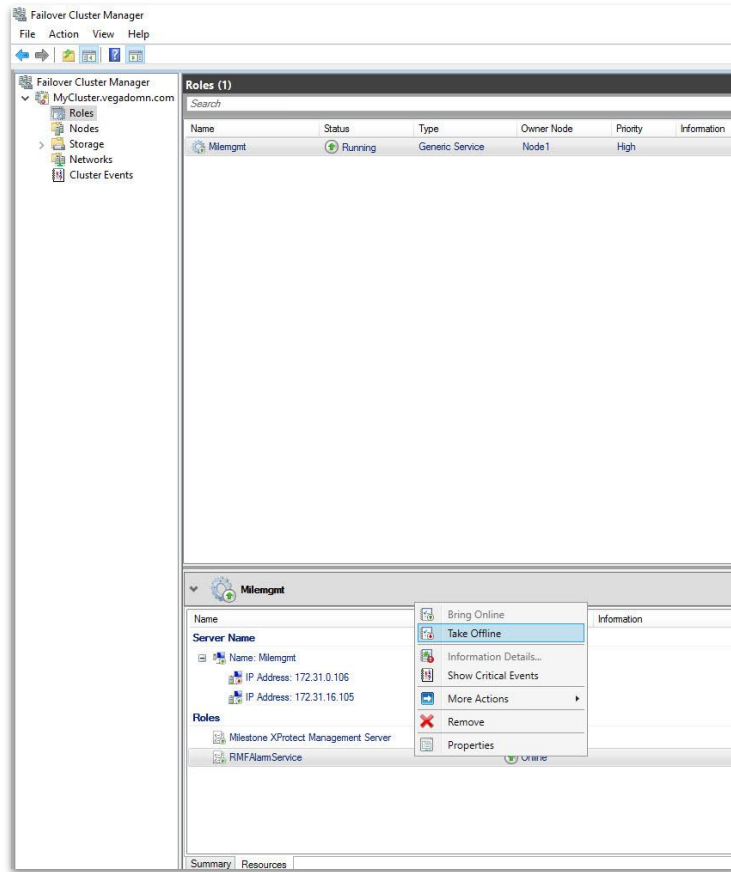
**Step 3:** Run the **RMF 5.2.0** installer or Goto **Control Panel** → **Select RMF** → **Select Uninstall** option on **Management Server Cluster Node 1** Machine.



**Step 4:** Click **Remove RMF** Package from **Management Server Cluster Node 1** Machine.



## Removing RMF from Management Server Cluster Node 2



**Step 1: Goto Failover Cluster Management Server → Roles.**

**Make the RMF Alarm Service Role Offline on Management Server Cluster Node 1 or Node 2 machine.**

**Note: Applicable, if the service is not removed from Management Server Cluster Node 1**

Failover Cluster Manager

File Action View Help

Failover Cluster Manager

MyCluster.vegadomn.com

Roles (1)

Name	Status	Type	Owner Node	Priority	Information
Milemgmt	Partially Running	Generic Service	Node1	High	

Milemgmt

Name	Status	Information
<b>Server Name</b>		
Name: Milemgmt	Online	
IP Address: 172.31.0.106	Offline	
IP Address: 172.31.16.105	Online	
<b>Roles</b>		
Milestone XProtect Management Server	Online	
RMFAlarmService	Offline	

Summary Resources

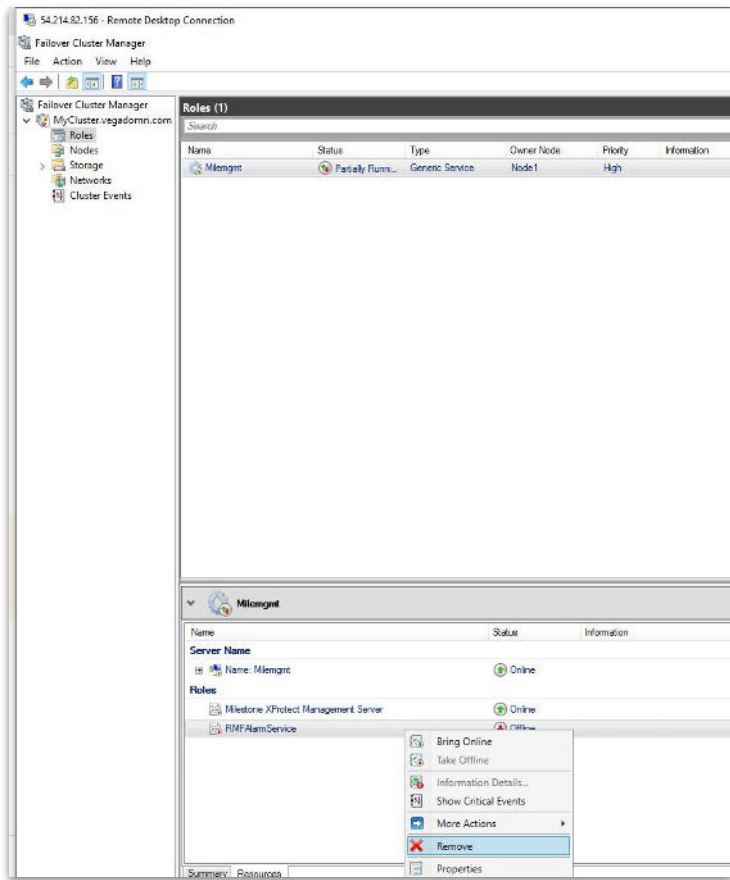
Help

Services (Local)

Name	Description	Status	Startup Type	Log On As
Radio Management Service	Radio Mana...	Disabled	Disabled	Local Service
Remote Access Auto Conne...	Creates a co...	Manual	Manual	Local Syste...
Remote Access Connection...	Manages di...	Running	Automatic	Local Syste...
Remote Desktop Configurati...	Remote Des...	Running	Manual	Local Syste...
Remote Desktop Services	Allows user...	Running	Manual	Network S...
Remote Desktop Services U...	Allows the r...	Running	Manual	Local Syste...
Remote Procedure Call (RPC)	The RPCSS s...	Running	Automatic	Network S...
Remote Procedure Call (RP...	In Windows...	Manual	Manual	Network S...
Remote Registry	Enables rem...	Automatic (T...	Automatic (T...	Local Service
Resultant Set of Policy Provi...	Provides a n...	Manual	Manual	Local Syste...
RMFAlarmService	RMF filters ...	Manual	Manual	Network S...
Routing and Remote Access	Offers routi...	Disabled	Disabled	Local Syste...
RPC Endpoint Mapper	Resolves RP...	Running	Automatic	Network S...
Secondary Logon	Enables star...	Manual	Manual	Local Syste...
Secure Socket Tunneling Pr...	Provides su...	Running	Manual	Local Service
Security Accounts Manager	The startup ...	Running	Automatic	Local Syste...
Sensor Data Service	Delivers dat...	Disabled	Disabled	Local Syste...
Sensor Monitoring Service	Monitors va...	Manual (Trig...	Manual (Trig...	Local Service
Sensor Service	A service fo...	Manual (Trig...	Manual (Trig...	Local Syste...
Server	Supports fil...	Running	Automatic (T...	Local Syste...
Shared PC Account Manager	Manages pr...	Disabled	Disabled	Local Syste...

**Verification Step:** Verify the RMF Alarm Service Status after stopping the service  
**Note:** Applicable, if the service is not removed from Management Server Cluster Node 1

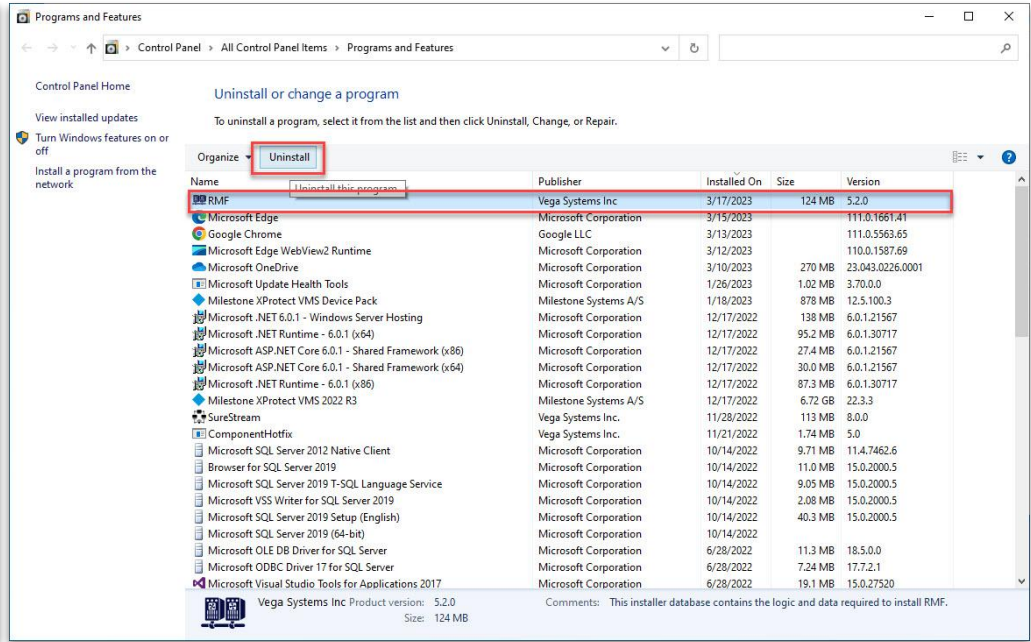
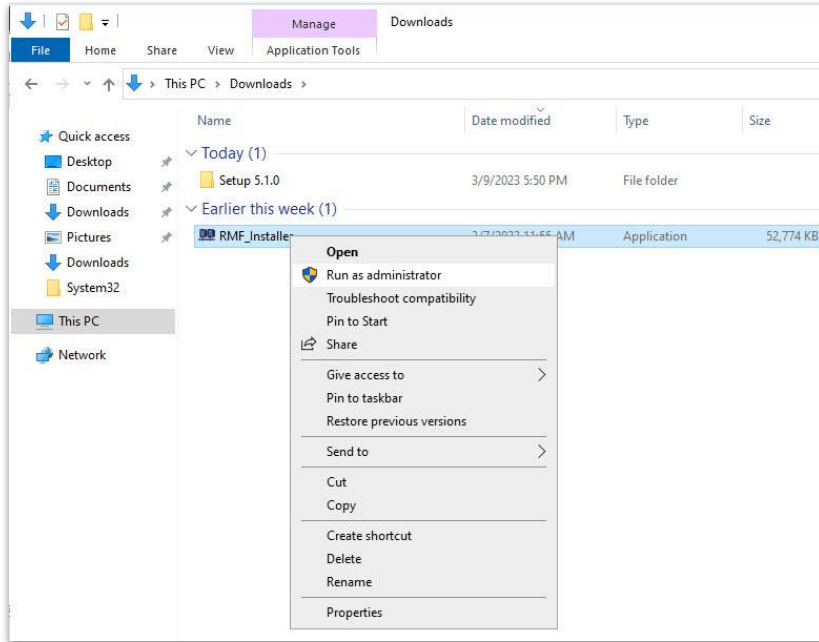




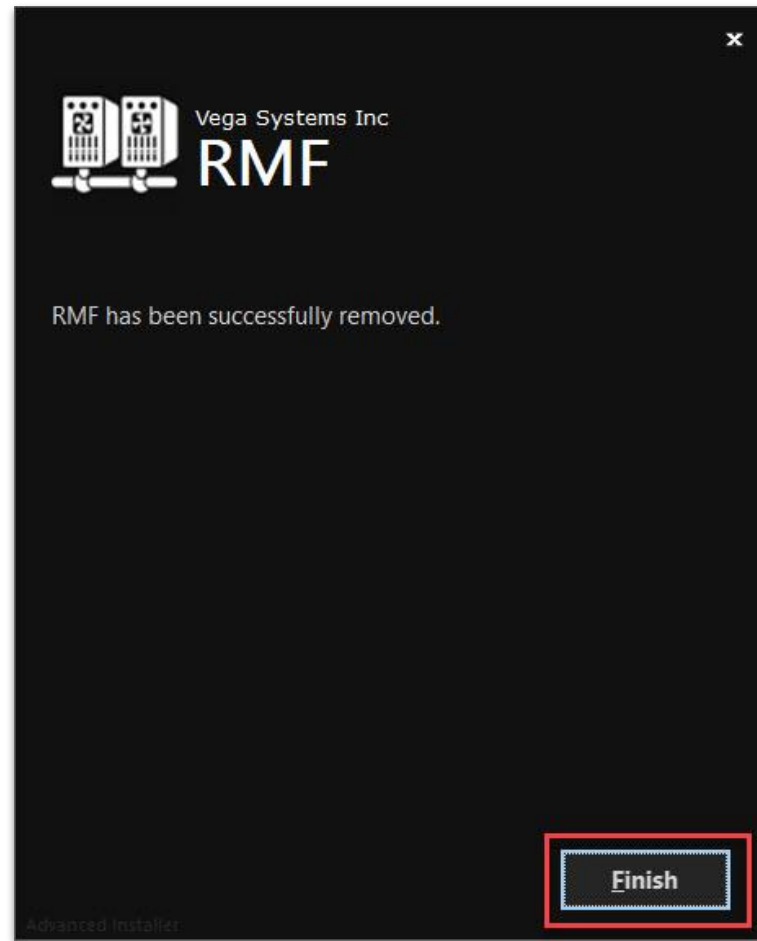
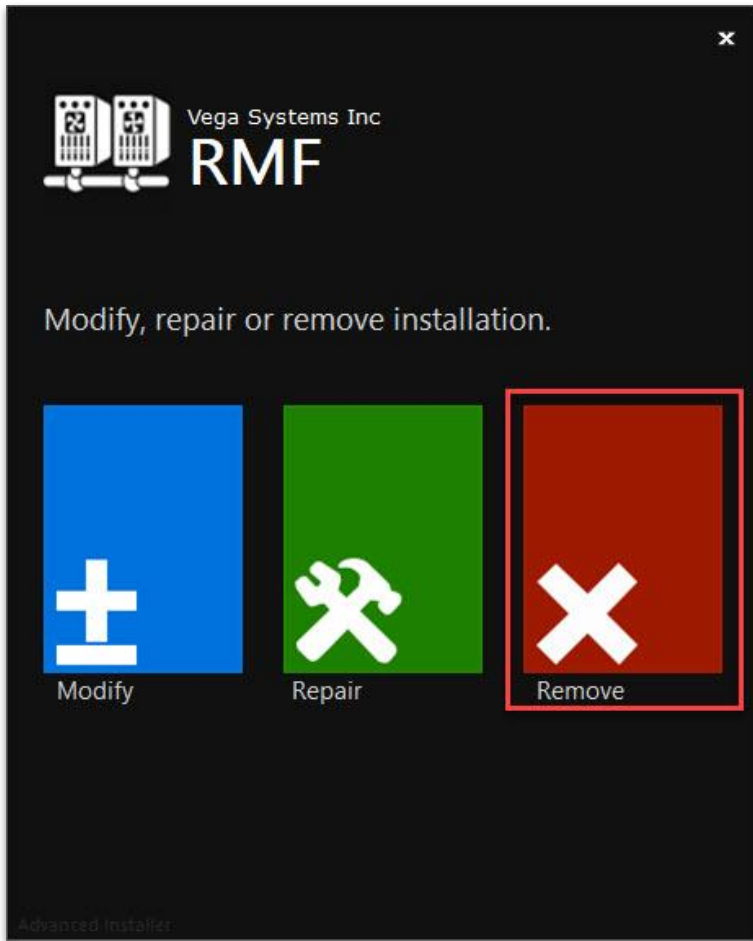
**Step 3:** Goto Failover Cluster Management Server → Roles.

**Remove RMF Alarm Service** from Management Roles.

**Note:** Applicable, if the service is not removed from Management Server Cluster Node 1



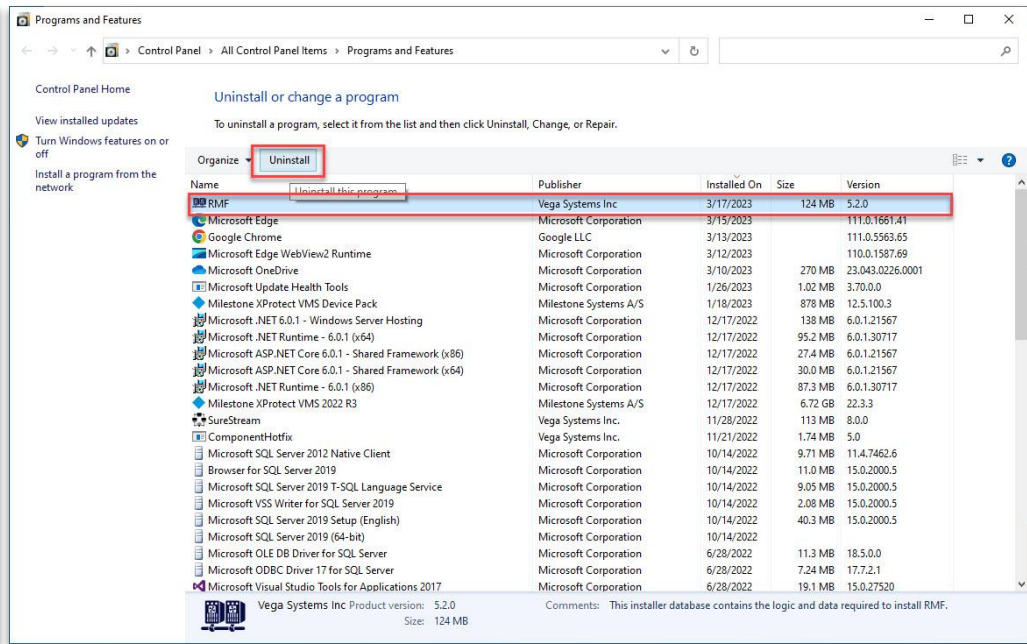
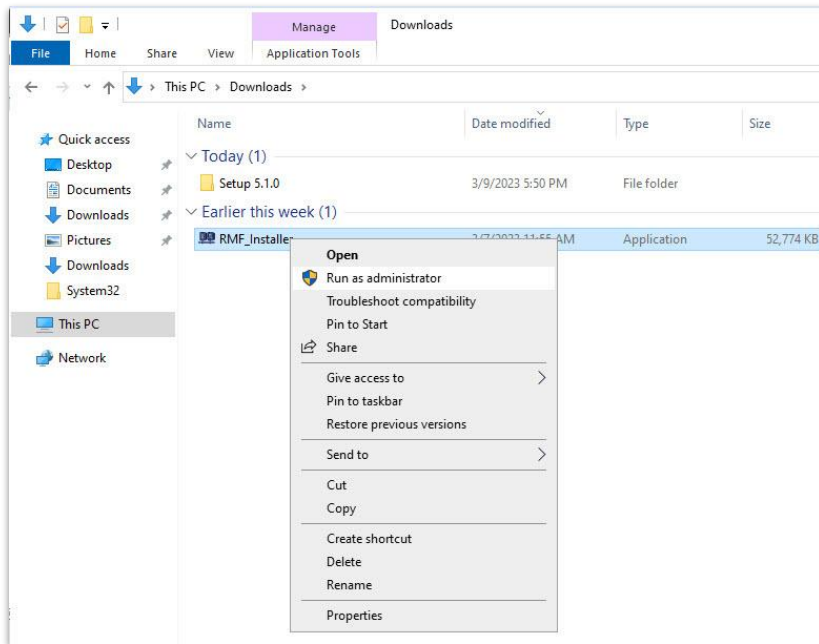
**Step 4:** Run the **RMF 5.2.0** installer or Goto **Control Panel** → **Select RMF** → **Select Uninstall** option on **Management Server Cluster Node 2** Machine.



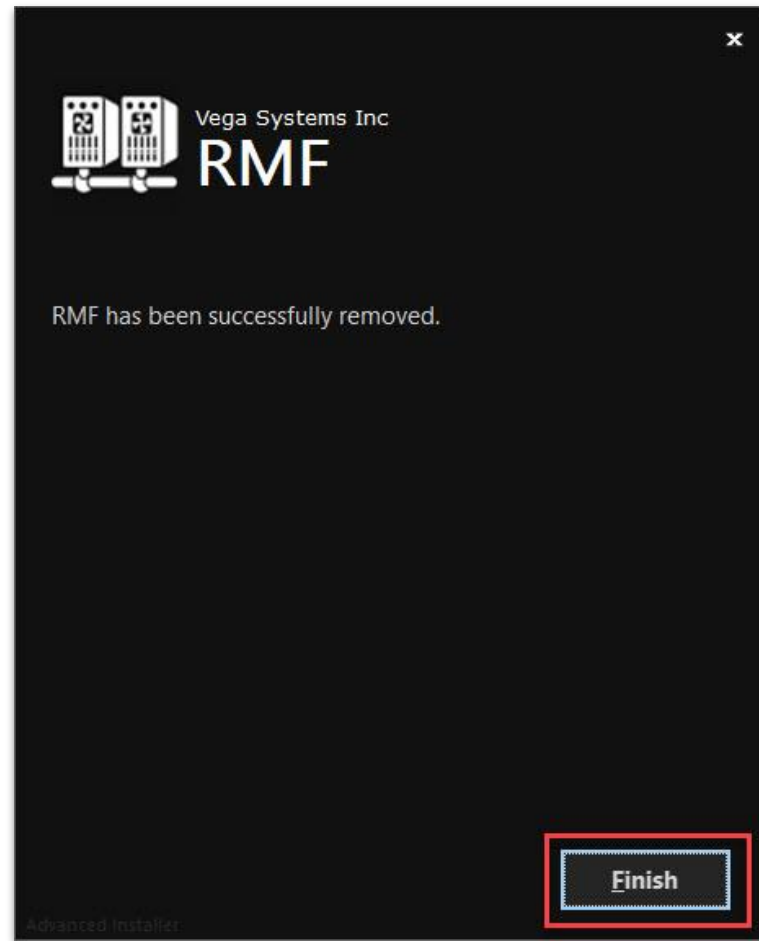
**Step 5:** Click **Remove RMF** Package from **Management Server Cluster Node 2** Machine.



## Removing RMF from Smart Client Machine



**Step 1:** Run the **RMF 5.2.0** installer or Goto **Control Panel** → **Select RMF** → **Select Uninstall** option on the **Smart Client Machine**.



**Step 2: Remove RMF Package.**



Follow the same steps to **Remove RMF** from **Management Client Machine** or any other machine that has RMF installed.