# **Configure Email Notification for Specific Node in the CUCM Cluster**

### Contents

Introduction	
Prerequisites	
Requirements	
Components Used	
Lab Cluster Information	
<u>Configure</u>	
Verify	
<u>Troubleshoot</u>	
Related Information	

### Introduction

This document describes the procedure to configure the email notification for a specific node in the cluster.

## Prerequisites

#### Requirements

Cisco recommends that you have knowledge of these topics:

- Simple Mail Transfer Protocol (SMTP) Server IP/Host Name
- SMTP Server Reachability
- Cisco Unified Communications Manager (CUCM) Cluster IPs

#### **Components Used**

The information in this document is based on these software and hardware versions:

- Microsoft Exchange SMTP server
- Call Manager version:14.0.1.12900-161

"The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

#### Lab Cluster Information

```
10.1.66.15 << Publisher
10.1.66.16 << Subscriber
Windows Server 2016 (STMP server):
10.1.66.11</pre>
```

# Configure

Email notification for only Publisher node (10.1.66.15) in the cluster is required.

Step 1. Login into CUCM Publisher node and navigate to Cisco Unified OS Administration:

Navigation	Cisco Unified OS Administration 💙	Go
	Cisco Unified Serviceability	aout
	Cisco Unified CM Administration	gout
	Cisco Unified Reporting	
	Cisco Unified OS Administration	
	Disaster Recovery System	



Step 2. Navigate to Settings > SMTP:



Step 3. Add the SMTP server IP/Hostname and click on Save.

SMTP Settings	
Save	
- Status	
1 Status: Ready	
- SMTP Host	
Shiri nost	
Hostname or IP Address*	10.1.66.11
Status	The SMTP server could not be contacted.
Save	

Note: Once you save configuration, make sure status shows as "The SMTP server is available"

SMTP Settings	
Save 🗙 Delete	
<b></b>	
Status	
<b>1</b> Update successful	
CMTD Us at	
SMIP Host	
Hostname or IP Address*	10.1.66.11
Status	The SMTP service is available.
L	
Save Delete	

Step 4. Navigate to Cisco Unified CM Administration Page.



Step.5 Navigate to System > Service Parameters > Select publisher node and "Cisco AMC service" at service.

Check that the Primary Collector is a Publisher node IP/hostname.

Service Parameter Configuration			
🔜 Save 🤣 Set to Default			
- Status			
Status: Ready			
r Select Server and Service			
Server* 10.1.66.15CUCM Voice/Video (Active)			
Service* Cisco ANC Service (Active)			
All parameters apply only to the current server except parameters that are in the cluster-wide group(s).	All parameters apply only to the current server except parameters that are in the cluster-wide proup(s).		
Cisco ANC Service (Active) Parameters on server 10.1.66.15CUCH Voice/Video (Active)			
Parameter Name	Parameter Value		Suggested Value
Parameter Nama  - "Clusterwide Parameters (Parameters that apply to all servers)	Parameter Value		Suggested Value
Parameter Name - Clusterwide Parameters (Parameters that apply to all servers)	Parameter Value	2	Suggested Value
Parameter Name Clusterwide Parameters (Parameters that apply to all servers) Promer, Collector. Pallower, Collecto	Parameter Value [10.1.66.15 [10.1.66.16	2	Suggested Value
Parameter Name  Clusterwide Parameters (Parameters that apply to all servers)  Primer Collector.*  Palover. Collector.*  Palover. Collector  Data Collector Enabled.*	Parameter Value [10.1.66.15 [10.1.66.16 [Tore [Value]		Suggested Value
Perameter Name  - Clusterwide Parameters (Parameters that apply to all servers)  - Primary Collector.*  Painese Collector  Data Collector Individ.*  Data Collector Poling Eate.*	Parameter Value 10.1.66.15 • 10.4.65.16 • 170.00 • 100		Suggested Value True 30
Parameter Name  Clusterwide Parameters (Parameters that apply to all servers)  Promo, Caleston, Caleston, Caleston, Caleston, Enabled,  Data Collection Fabling Ente,  Store: Scholarsian, Served,  *	Parameter Value           10.1.66.15         *           10.1.66.16         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *           10.1.66.10         *		Suggested Value True 30 60
Parameter Name  Clusterwide Parameters (Parameters that apply to all servers)  Primary Collector Para Collector Follow Rate.  Para Collection Follow Rate.  Sancer Synchronization Pariod.*  BNL Ratestro Fullymber.*	Parameter Value [10.1.66.15 [10.1.66.16 [True ] ] ] [60 [60 [1099] [109] [109] [100]		Suggested Value True 30 60
Parameter Name  Clustervide Parameters (Parameters that apply to all servers)  Primer, Callestic,  Pailours, Callestin, Pailours, Calle	Parameter Value [0.1.66.15 True 10.1.66.16 True 10.1 1		Suggested Value True 30 60
Perameter Name  Clustervide Parameters (Parameters that apply to all servers)  Promov Collector.  Palanex. Collector.  Palanex. Collectora  Pata Solectora Enabled.  Pata Solectora Enabled.  Bata Senate. Part. Number.  Bata Solectora Finitemer.*  Cluster	Parameter Value [10.1.66.15 [10.1.66.16 [Tote ] ] 0 [50 [50 [70:0] [Tote ] ] ] [Tote ] ] ] ] ] [Tote ] ] ] ] ] [Tote ] ] ] ] [Tote ] ] ] ] ] [Tote ] ] ] ] ] [Tote ] ] ] ] [Tote ] ] ] ] ] ] [Tote ] ] ] ] ] ] [Tote ] ] ] ] ] [Tote ] ] ] ] [Tote ] ] ] ] ] ] [Tote ] ] ] ] ] ] ] [Tote ] ] ] ] ] ] ] ] [Tote ] ] ] ] ] ] [Tote ] ] ] ] ] ] ] [Tote ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] [Tote ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ]		Suggested Value True 30 60 True

Step 6. Configure "Certificate Monitoring" On CUCM publisher. On OS administration, go to Security > Certificate monitoring:

Show - Settings -	Secu	urity 👻	Software Upgrades 👻	Serv	ices 👻 Help 👻
		Certificate Management			
0		Certifica	ate Monitor		
🕐 WAR		Certifica	ate Revocation		configured. This is rec
		IPSEC	Configuration		
		Bulk Ce	ertificate Management		
Cisco Uni		Session	n Management		em Administrat
System version:		Cipher I	Management		
VMware Installa	tion:	128 v	vCPU Intel(R) Xeon	(R)	CPU E5-2699A v4 @ 2.40GH

Step 7. Configure Notification time at your convenience, check "Enable E-mail Notification" and add email IDs (You can add more than one email address separated by semicolon).

Certificate Monitor	
Save	
Status Update successful	
Certificate Monitor Conf Notification Start Time** Notification Frequency* Enable E-mail notificati Enable LSC Monitoring E-mail IDs	iguration 30 1 O Days O Hours on testcatchmail@
Save	

Step 8. Click **Save**. After this, you receive email notifications at the time configured for certificate status. This is an example of an email notification:

```
Date: Wed, 20 Mar 2024 14:06:03 -0600 (CST)

From: certmgr@

To: testcatchmail@

Subject: URGENT: Certificate expiration Notification - CertValidLessthanADay

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

X-Priority: 1

Importance: high

Certificate expiration Notification:

Certificate name: CAPF-1ffd28ad.der

Unit: CAPF

Type: own-cert

Expiration: Wed Mar 20 14:51:03:000 CST 2024 / Wed Mar 20 20:51:03:000 GMT 2024
```

Configure the custom alert/notification in RTMT:

Refer to this link for alert configuration:

https://supportforums.cisco.com/t5/collaboration-voice-and-video/how-to-configure-the-alerts-and-email-notification-in-rtmt/ta-p/3139725

#### Verify

There is currently no verification procedure available for this configuration.

# Troubleshoot

This section provides information you can use in order to troubleshoot your configuration.

In case the alert not working for the specific node, collect these logs:

- RIS Data Collector Logs
- AMC Service (change the log level to debug)
- AMC Service Alert Log
- Event Viewer Application and Syslog
- Packet capture from publisher

## **Related Information**

<u>Cisco Technical Support & Downloads</u>