

ØªÙfÙ^ÙŠÙ† ØªÙfØ§Ù...Ù,, HCM-F Ø·Ø§Ø³ØªØ®Ø-Ø§Ù... Ù...Ø-ÙŠØ± Ø§Ù,,ØªØ±Ø®ÙŠØµØ§Ù,,Ø°ÙfÙŠ

Ø§Ù,,Ù...ØØªÙ^ÙŠØ§Øª

[Ø§Ù,,Ù...Ù,Ø-Ù...Ø©](#)
[Ø§Ù,,Ù...ØªØ-Ù,,Ø-Ø§Øª Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ©](#)
[Ø§Ù,,Ù...ØªØ-Ù,,Ø-Ø§Øª](#)
[Ø§Ù,,Ù...ÙfÙ^Ù†Ø§Øª Ø§Ù,,Ù...Ø³ØªØ®Ø-Ù...Ø©](#)
[Ù...Ø¹Ù,,Ù-Ù...Ø§Øª Ø£Ø³Ø§Ø³ÙŠØ©](#)
[Ø§Ù,,ØªÙfÙ^ÙŠÙ†](#)
[Ø³ÙŠØ± Ø¹Ù...Ù,, ØªÙfÙ^ÙŠÙ† HCM-F Ù,,Ù,,ØªØ±Ø®ÙŠØµØ§Ù,,Ø°ÙfÙŠ](#)
[CSSM Ø§Ù,,Ø®Ø§ØµØ-Ø§Ø±ØªØ-Ø§Ø-Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù-Ø¹Ø©](#)
[Ù...Ø§Ø°Ø§ ÙŠØØ-Ø« Ø¹Ù†Ø- ØªØ®ØµŠØµØªØ-Ø-ÙŠÙ, Ø§Ù,,Ø§ØªØ§Ø§Ù,,Ø§Øª Ø§Ù,,Ù...Ù-ØØ-Ø©](#)
[Ù,,Ø®Ø-Ù...Ø© Ø§Ù,,ØªØ±Ø®ÙŠØµØ§Ù,,Ø°ÙfÙŠ Ø¹Ø-Ø± HCM-FØŸ](#)
[ØªØ³Ø-ÙŠÙ,, Ø§Ù,,Ø-Ø®Ù-Ù,, Ù-ÙŠ Ø§Ù,,Ù...Ø³Ø§Ø± \(ØªÙ... ØªØ¹ÙŠÙŠÙ† Ø³Ø-Ù,,Ø§Øª HLM](#)
[Ø¹Ù,,Ù%o "ØªÙ-ØµÙŠÙ,,ÙŠ"\)](#)

Ø§Ù,,Ù...Ù,Ø-Ù...Ø©

ÙŠÙ-Ø¶Ø Ù±Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø- ÙfÙŠÙ-ÙŠØ© Ù...Ø²Ø§Ù...Ù†Ø© Ù...Ø«ÙŠÙ,,
Ø§Ù,,Ù...Ù†ØªØ- Ù...Ø¹ Ø³Ø§Øª-Ø§ØªÙf Ø§Ù,,Ø°ÙfÙŠØ© Ù-ÙŠ ØÙ,, Ø§Ù,,ØªØ¹Ø§Ù^Ù†
Ø§Ù,,Ù...Ø³ØªØ¶Ø§Ù-Ù...Ù† Cisco (HCS) 12.5 Ø¹Ø-Ø±

ØªÙ†Ù-ÙŠØ° Ù-Ø³ÙŠØ- Ø§Ù,,ØªØ¹Ø§Ù^Ù† Ø§Ù,,Ù...Ø³ØªØ¶Ø§Ù-ÙŠØ© (HCM-F) Ù...Ù† Cisco

Ø§Ù,,Ù...ØªØ·Ù,,Ø-Ø§Øª Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ©

Ø§Ù,,Ù...ØªØ·Ù,,Ø-Ø§Øª

ØªÙ-ØµŠ Cisco Ø-Ø£Ù† ØªÙfÙ^Ù† Ù,,Ø-ÙŠÙf Ù...Ø¹Ø±Ù-Ø© Ø-Ø§Ù,,Ù...Ù-Ø§Ø¶ÙŠØ¹
Ø§Ù,,ØªØ§Ù,,ÙŠØ©:

Cisco Unified Communications Manager (CUCM)Ø£Ø§Ù,,ØŸØ-Ø§Ø± 12.5

HCM-F 12.5

Ø§Ù,,ØªØ±Ø®ÙŠØµØ§Ù,,Ø°ÙfÙŠ CUCM - Ø-Ø±Ø§Ø² Direct

ØŸØ-Ø§Ø±Ø© Ø§Ù,,Ø-Ø±Ø§Ù...Ø-Ø§Ù,,Ø°ÙfÙŠØ© Ù...Ù† Cisco (CSSM)

Ø§Ù,,Ù...ÙfÙ^Ù†Ø§Øª Ø§Ù,,Ù...Ø³ØªØ®Ø-Ù...Ø©

ØªØ³ØªÙ†Ø- Ø§Ù,,Ù...Ø¹Ù,,Ù-Ù...Ø§Øª Ø§Ù,,Ù-Ø§Ø±Ø-Ø© Ù-ÙŠ Ù±Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø-
ØŸÙ,,Ù%o ØŸØµØ-Ø§Ø±Ø§Øª Ø§Ù,,Ø-Ø±Ø§Ù...Ø-Ù-Ø§Ù,,Ù...ÙfÙ^Ù†Ø§Øª

Ø§Ù,,Ù...Ø§Ø-ÙŠØ© Ø§Ù,,ØªØ§Ù,,ÙŠØ©:

CUCMØÆ Ø§Ù,,Ø¥ØØ-Ø§Ø± 12.5.x

HCM-FØÆ Ø§Ù,,Ø¥ØØ-Ø§Ø± 12.5.1

ØªÙ... Ø¥Ù†Ø-Ø§Ø; Ø§Ù,,Ù...Ø¹Ù,,Ù¹Ù...Ø§Øª Ø§Ù,,Ù¹Ø§Ø±Ø-Ø© Ù¹ÙŠ Ù†Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø- Ù...Ù† Ø§Ù,,ØÆØ-Ù†Ø²Ø© Ø§Ù,,Ù...Ù¹Ø-Ù¹Ø-Ø© Ù¹ÙŠ Ø-ÙŠØ;Ø© Ù...Ø¹Ù...Ù,,ÙŠØ© Ø®Ø§ØµØ©. Ø-Ø-ØÆØª Ø-Ù...ÙŠØ¹ Ø§Ù,,ØÆØ-Ù†Ø²Ø© Ø§Ù,,Ù...Ù¹Ù³ØªØ®Ø-Ù...Ø© Ù¹ÙŠ Ù†Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø- Ø-ØªÙ¹Ù¹Ù† Ù...Ù...Ø³Ù¹Ø (Ø§Ù¹ÙªØ±Ø§Ø¶ÙŠ). Ø¥Ø°Ø§ Ù¹Ø§Ù†Øª Ø-Ø-Ù¹ØªÙ¹Ù,ÙŠØ- Ø§Ù,,ØªØ°Ø¹Ù,,ØÆ Ù¹ÙªØÆÙ¹Ø- Ù...Ù† Ù¹Ù±Ù...Ù¹Ù,,Ù,,ØªØÆØ«ÙŠØ± Ø§Ù,,Ù...ØªÙ...Ù,, Ù,,ØÆÙŠ ØÆÙ...Ø±.

Ù...Ø¹Ù,,Ù¹Ù...Ø§Øª ØÆØ³Ø§Ø³ÙŠØ©

ÙŠØ¹Ù...Ù,, Ù...Ø-ÙŠØ± Ø§Ù,,ØªØ±Ø®ÙŠØµØ§Ù,,Ù...Ø³ØªØ¶Ø§Ù¹ (HLM) Ù¹ÙŠ HCM-F Ù¹Ø®Ø-Ù...Ø©. ØªÙ... ØªØ·Ù¹ÙŠØ± HLM/HCM-F Ù,,ØªØ³Ø-ÙŠÙ,, ØªØ·Ø-ÙŠÙ,,Ø§Øª Ø§Ù,,Ø§ØªØµØ§Ù,,Ø§Øª Ø§Ù,,Ù...Ù¹ØØ-Ø© (UC) Ù...Ù† Cisco Ø¥Ù,,Ù% Ø®Ø-Ù...Ø© Ø§Ù,,ØªØ±Ø®ÙŠØµ Ø§Ù,,ØªÙ¹ÙŠ Ø§Ù,,ØªÙŠ ØªØ¹Ù...Ù,, Ù¹ÙŠ Ø³Ø§Ø§Ø-Ø© Cisco. Ø-Ù...Ø-Ø±Ø-ØªØ¹ÙŠÙ† ØªØ·Ø-ÙŠÙ,,Ø§Øª Ø§Ù,,Ø§ØªØµØ§Ù,,Ø§Øª Ø§Ù,,Ù...Ù¹ØØ-Ø© Ø¥Ù,,Ù% "Ø®Ø-Ù...Ø© Ø§Ù,,ØªØ±Ø®ÙŠØµ Ø§Ù,,ØªÙ¹ÙŠ"ØÆ ÙŠØªÙ... ØªØ¹Ù,,Ø-Ø¥Ø³ØªÙ±Ù,,Ø§Ù¹ Ø§Ù,,ØªØ±Ø®ÙŠØµ Ù,,Ù†Ø°Ù± Ø§Ù,,ØªØ·Ø-ÙŠÙ,,Ø§Øª Ù...Ù† Ø-Ù¹Ø§Ø-Ø© CSSM Ø§Ù,,ØªÙŠ ØªØ¹Ù...Ù,, Ù¹Ù...Ø³ØªÙ¹Ø-Ø¹ Ø¥Ø-Ø§Ø±Ø© ØªØ±Ø®ÙŠØµ Ù¹Ø§ØØ-Ù,,Ø-Ø±Ù¹Ø§Ø; HCS.

ØªØªÙŠØ Ø®Ø-Ù...Ø© HCM-F HLM ØªÙ¹Ù¹ÙŠÙ† Ø³Ø§Ø- Smart Ù¹ÙŠ HCM-F Ù¹ØªØ³Ù...Ø Ø-ØÆÙŠ Ø¹Ù...Ù,,ÙŠØ§Øª Ù,,Ø§Ø;Ù...Ø© Ø¹Ù,,Ù% Ù†Ø,Ø§Ù... Ù...Ø-Ù...Ù¹Ø¹Ø Ù...Ø±ØªØ-Ø·Ø© Ø-Ù†Ø°Ø§ Ø§Ù,,Ø³Ø§Ø-Ø§Ù,,ØªÙ¹ÙŠ Ù...Ù† HCM-F.

ØªØ¹Ø±Ø¶ Ø®Ø-Ù...Ø© Ø§Ù,,ØªØ±Ø®ÙŠØµØ§Ù,,ØªÙ¹ÙŠ Ø§Ù,,Ù...Ù¹Ø-Ù¹Ø-Ø© Ù¹ÙŠ Ø³Ø§Ø§Ø-Ø© Cisco Ù¹Ø§Ø-Ù†Ø© Ø-Ø±Ù...Ø-Ø© Ø§Ù,,ØªØ·Ø-ÙŠÙ,,Ø§Øª (API) Ø§Ù,,Ù...Ø®ØªÙ,,Ù¹ÙØ Ù...Ù† Ø®Ù,,Ø§Ù,, Ù...ØµØ§Ø-Ù,,Ø© OAuth. Ø-Ø§Ù,,Ø¥Ø¶Ø§Ù¹Ø© Ø¥Ù,,Ù% ØªÙ,,Ù¹ØÆ ØªÙ¹Ø-Ù¹ÙØ ØªØ·Ø-ÙŠÙ,,Ø§Øª Ø§Ù,,Ø§ØªØµØ§Ù,,Ø§Øª Ø§Ù,,Ù...Ù¹ØØ-Ø© Ù¹Ø§Ø-Ù†Ø§Øª Ø-Ø±Ù...Ø-Ø© Ø§Ù,,ØªØ·Ø-ÙŠÙ,,Ø§Øª (API) Ù,,Ù,,Ø³Ù...Ø§Ø Ù,, HCM-F Ø-ØªÙ†Ù¹ÙŠØ Ø®Ø-Ù¹Ø§Øª Ù...ØªØ¹Ø-Ø-Ø© Ù...ØªØ¹Ù,,Ù,,Ø© ØÆØ«Ù†Ø§Ø; Ø¹Ù...Ù,,ÙŠØ© Ø§Ù,,Ù...Ø-Ù...Ù¹Ø¹Ø Ù...Ø«Ù,, "ØªØ¹ÙŠÙŠÙ†" Ù¹Ø¥Ù,,Ø°Ø§Ø; ØªØ¹ÙŠÙŠÙ†".

ÙŠØ³ØªØ®Ø-Ù... HCM-F Ù...Ø¹Ù,,Ù¹Ù...Ø§Øª Ù¹Ø§Ø-Ù†Ø© Ø-Ø±Ù...Ø-Ø© Ø§Ù,,ØªØ·Ø-ÙŠÙ,,Ø§Øª Ø§Ù,,ØªÙŠ ÙŠØªÙ... Ù¹Ø-Ù¹Ù±Ø§ Ø¹Ù,,Ù% Ù¹Ù,,Ø§ Ø§Ù,,Ø-Ø§Ù†Ø-ÙŠÙ† Ù,,ØªÙ†Ù¹ÙŠØ Ø¹Ù...Ù,,ÙŠØ© Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù¹Ø¹Ø©.

ÙŠÙ,,Ø²Ù... Ø§ØªØ§Ù,, Ø§Ù,,Ø-Ù¹Ø© Ø-Ø®Ø-Ù...Ø§Øª Cisco Cloud Ù,,Ù¹Ø°Ø§ Ø§Ù,,ØªÙ¹Ø§Ù...Ù,,:

Cloudsso1.cisco.com -> 72.163.4.74
cloudsso2.cisco.com -> 173.37.144.211

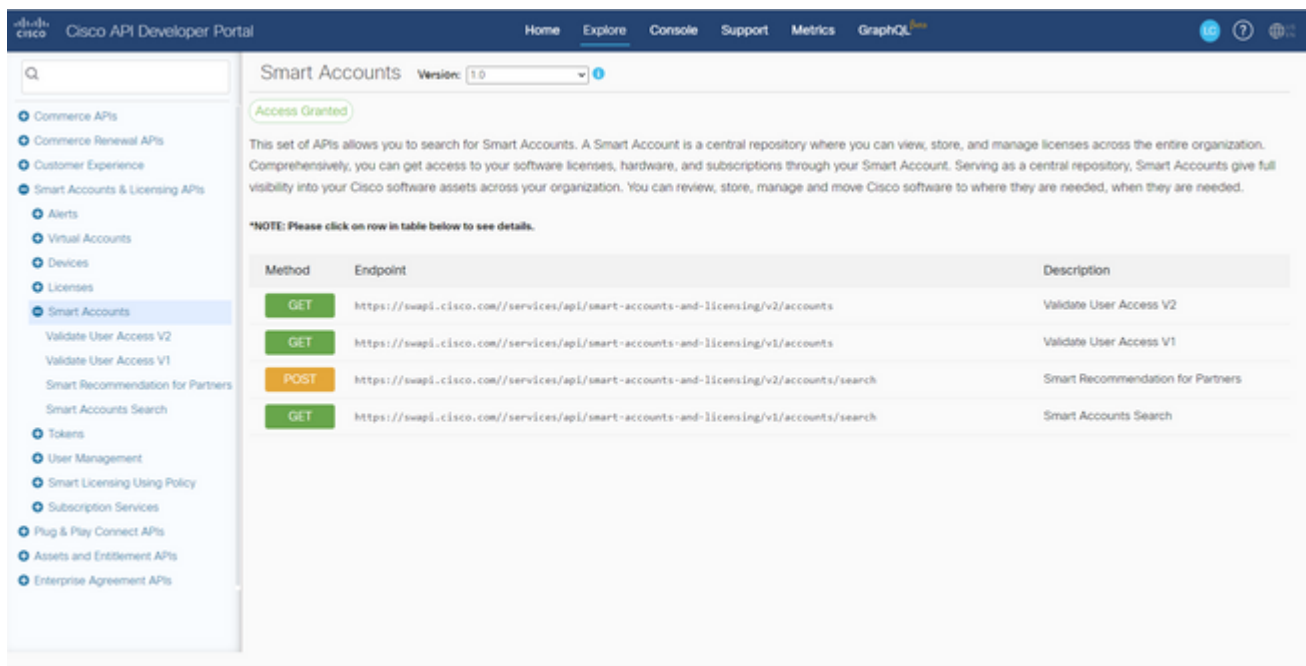
cloudsso3.cisco.com -> 173.38.127.38

swapi.cisco.com -> 146.112.59.25

ÙŠØªÙ... ØŸØ-Ø±Ø§Ø; Ø-Ù...ÙŠØ¹ Ø§Ù,,Ø§ØªØ§Ù,,Ø§Øª Ø-ÙŠÙ† HCM-F/Proxy
Ù-Ø@Ø-Ù...Ø§Øª Ø§Ù,,Ø³ØØ§Ø-Ø© Ù...Ù† Cisco Ù...Ù† Ø@Ù,,Ø§Ù,, Ø§ØªØ§Ù,, TLS Ø¹Ù,,Ù%
Ù...Ù†Ù◊Ø° TCP/443.

Ø§Ù,,ØªÙfÙ^ÙŠÙ†

ÙfÙ...Ø³ØªÙ^Ù,, Ø´Ø±ÙŠÙf HCSØÆ Ù,Ù... Ø´ØªØ³Ø-ÙŠÙ,, Ø§Ù,,Ø-Ø@Ù^Ù,, ØŸÙ,,Ù%
[Ù...Ø-Ø@Ù,, Ù...Ø-Ù^Ø± Cisco API](#) Ø§Ù,,Ù...ØØ-Ø- Ø§Ø³ØªÙfØ´Ù◊ > Ø§Ù,,ØØ³Ø§Ø´ Ø§Øª
Ø§Ù,,Ø°ÙfÙŠØ© Ù^Ù^Ø§Ø-Ù±Ø§Øª Ø´Ø±Ù...Ø-Ø© Ø§Ù,,ØªØ-Ø´ÙŠÙ,Ø§Øª (API)
Ø§Ù,,Ø@Ø§ØµØ© Ø´Ø§Ù,,ØªØ±Ø@ÙŠØµ > Ø§Ù,,ØØ³Ø§Ø´ Ø§Øª Ø§Ù,,Ø°ÙfÙŠØ©



Ù,,ØªÙfÙ^ÙŠÙ† "ØØ³Ø§Ø´ Ø°ÙfÙŠ" Ù◊ÙŠ HCM-FØÆ ÙŠÙ,,Ø²Ù... Ù-Ø-Ù^Ø- Ø¹Ù...ÙŠÙ,,
Ù-Ø§Ø-Ù±Ø© Ø´Ø±Ù...Ø-Ø© ØªØ-Ø´ÙŠÙ,Ø§Øª (API):

- Home
- ▶ Data Center Management
- ▶ Aggregation
- ▶ Customer Management
- ▶ Cluster Management
- ▶ Application Management
- ▶ Device Management
- ▶ Administration
- ▶ License Management
- ▼ Smart Licensing
 - Transport Mode
 - Configure Smart Account**
 - Smart Account Summary
 - Virtual Account Summary
 - Cluster Summary

Configure Smart Account Access

▼ General Information

* Domain Name:

* Client ID:

* Client Secret:

Smart Account Name:

Note: Configuring Smart account will fetch all the Virtual Accounts from the up to an Hour. Virtual Accounts which are synced from Satellite will be ignored.

UŠØªÙ... Ù...Ù,,Ø; Ø§Ù,,Ù...Ø¹Ù,,Ù^Ù...Ø§Øª Ù‡Ù†Ø§ Ø·Ø§Ù,,Ù...Ø@Ø±Ø-Ø§Øª Ø§Ù,,ØªÙŠ ØªÙ... ØŸÙ†Ø·Ø§ØªÙ‡Ø§ ÙŒÙŠ Ø§Ù,,Ù,Ø³Ù... Ø§Ù,,Ø°ÙŠ ØªÙ... Ù...Ø¹Ø§Ù,,Ø-ØªÙ‡ Ù...Ø³Ø¨Ù,Ø§ ÙŒÙŠ Ù‡Ø°Ø§ Ø§Ù,,Ù...Ø³ØªÙ†Ø¯.

Ø§Ù†ØªÙ,,Ù,, ØŸÙ,,Ù% Ù...Ø-ÙŠØ± Ø§Ù,,Ø·Ù†ÙŠØ© Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ© > Ø§Ù,,ØªØ±Ø@ÙŠØµ Ø§Ù,,Ø°Ù†ÙŠ > Ù^Ø¶Ø¹ Ø§Ù,,Ù†Ù,,Ù,:

ÙŠÙ,,Ø²Ù... ØŸØ¹Ø-Ø§Ø- Ù^Ø¶Ø¹ Ø§Ù,,Ù†Ù,,Ù,, ÙŒÙŠ HCM-F Ù,,ØªÙ^ØµÙŠÙ,, ØªØ·Ø¨ ÙŠÙ,,Ø§Øª HCM-F Ù^ UC Ø¨ CSSM.

Ù...Ù,,Ø§ØØ,Ø©: ÙŠØ-Ø¹Ù... HCM-F 12.5.1 Ø-Ù...Ø- Ø§Ù,,Ù†Ù...Ù^Ø°Ø- Ø§Ù,,Ù...Ø·Ø§ØªÙ± ÙŒÙ,,Ø·ØŒ Ø£ÙŠ ÙŠÙ...Ù†Ù† ØªØ¹ÙŠÙŠÙ† Ù^Ø¶Ø¹ Ø§Ù,,Ù†Ù,,Ù,, Ø¹Ù,,Ù% Ø§Ù,,Ù^Ù†ÙŠÙ,, Ø£Ù^ Ø§Ù,,Ù...Ø¨ Ø§ØªÙ±

Home

- ▶ Data Center Management
- ▶ Aggregation
- ▶ Customer Management
- ▶ Cluster Management
- ▶ Application Management
- ▶ Device Management
- ▶ Administration
- ▶ License Management
- ▼ Smart Licensing
 - Subscription Mapper
 - Smart Account Summary**
 - Virtual Account Summary
 - Cluster Summary
- ▶ License Dashboard
- ▶ Service Provider Toolkit

Configure Smart Account Access

▼ Transport Settings

Transport Mode:

Proxy

Proxy Hostname/IP:

Proxy Port:

8080

Authentication Gateway:

cloudsso.cisco.com

CSSM Server:

swapi.cisco.com

Note: This proxy will only be used by HCMF to communicate with CSSM

▼ Configure Credentials

Smart Account Domain Name:

Client ID:

Client Secret:

$\emptyset \xi \dot{\cup} \dagger \emptyset^a \dot{\cup}, \dot{\cup},, \emptyset \pounds \dot{\cup},, \dot{\cup} \% \dot{\cup} \dots \emptyset \text{--} \dot{\cup} \xi \emptyset \pm \emptyset \xi \dot{\cup},, \emptyset \text{--} \dot{\cup} \dagger \dot{\cup} \xi \emptyset \odot \emptyset \xi \dot{\cup},, \emptyset \pounds \emptyset^3 \emptyset \xi \emptyset^3 \dot{\cup} \xi \emptyset \odot > \emptyset \xi \dot{\cup},, \emptyset^a \emptyset \pm \emptyset \text{--} \dot{\cup} \xi \emptyset \mu$
 $\emptyset \xi \dot{\cup},, \emptyset^\circ \dot{\cup} \dagger \dot{\cup} \xi > \dot{\cup} \dots \dot{\cup},, \emptyset \text{--} \emptyset \mu \emptyset \xi \dot{\cup},, \emptyset \emptyset^3 \emptyset \xi \emptyset \text{--} \emptyset \xi \dot{\cup},, \emptyset, \emptyset \xi \dot{\cup} \dagger \emptyset \pm \dot{\cup} \xi :$

Name	SA Name	Access Level
		PUBLIC
		PRIVATE
		PUBLIC
		PUBLIC
		PUBLIC
		PUBLIC
		PUBLIC
		PUBLIC

$\dot{\cup} \dots \dot{\cup},, \emptyset \xi \emptyset \emptyset, \emptyset \odot : \{ \dot{\cup},, \dot{\cup},, \emptyset \xi \emptyset \text{--} \dot{\cup},, \emptyset \xi \emptyset^1 \emptyset^1 \dot{\cup},, \dot{\cup} \% \emptyset \xi \dot{\cup},, \emptyset \emptyset^3 \emptyset \xi \emptyset \text{--} \emptyset \xi \emptyset^a \emptyset \xi \dot{\cup},, \emptyset, \emptyset \xi \dot{\cup} \dagger \emptyset \pm \dot{\cup} \xi \emptyset \odot$
 $\emptyset \xi \dot{\cup},, \dot{\cup} \dots \dot{\cup}, \emptyset^a \emptyset \pm \dot{\cup} \dagger \emptyset \odot \emptyset \text{--} \emptyset \xi \dot{\cup},, \emptyset \emptyset^3 \emptyset \xi \emptyset \text{--} \emptyset \xi \dot{\cup},, \emptyset^\circ \dot{\cup} \dagger \dot{\cup} \xi. \emptyset \emptyset \text{--} \emptyset \text{--} \emptyset \xi \emptyset^3 \dot{\cup} \dots \emptyset \xi \dot{\cup},, \emptyset \emptyset^3 \emptyset \xi \emptyset \text{--}$

Ø§Ù,,Ø°ÙfÙŠ Ù...Ù† Ø§Ù,,Ù,Ø§Ø¹Ù...Ø©. Ø°Ø¹Ø±Ø¶ Øµ ØØØØ "Ø§Ù,,Ø³Ø§Ø° Ø§Ø°
Ø§Ù,,Ø,Ø§Ù±Ø±ÙŠØ©" Ù,Ø§Ø¹Ù...Ø© Ø§Ù,,Ø³Ø§Ø° Ø§Ø° Ø§Ù,,Ø,Ø§Ù±Ø±ÙŠØ©.}

CSSM Ø§Ù,,ØØØ§ØµØ° Ø§Ø±Ø°Ø° Ø§Ø° Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø©

Ù...Ù† Ø£Ø-Ù,, "Ø°ØØØµØµØµ Ø°Ø-Ø°ÙŠÙ, Ø§Ù,,Ø§Ø°Ø§Ø±Ù,,Ø§Ø° Ø§Ù,,Ù...Ù°Ø-Ø© Ø¥Ù,,Ù%
CSSMØØ ÙŠØ-Ø° Ø§Ù,,Ø°Ø£ÙfØ- Ù...Ù† Ù°Ø-Ù°Ø-ÙfÙ,, Ù...Ù† Ù...Ø-Ù...Ù°Ø¹Ø© 12.5
Ù°Ø-Ø°ÙŠÙ, Ø§Ù,,Ø§Ø°Ø§Ø±Ù,,Ø§Ø° Ø§Ù,,Ù...Ù°Ø-Ø© Ù°Ø°ÙfÙ°ÙŠÙ†Ù±Ù...Ø§ Ù ØÙŠ
Ù...ØØØ²Ù°Ù† HCM-F Ø¥Ù,,Ù% Ø-Ø§Ù†Ø° Ø°ÙŠØ§Ù†Ø§Ø° Ø§Ø¹Ø°Ù...Ø§Ø°
Ø§Ù,,Ø¥Ø°Ø§Ø±Ø© Ù°Ø§Ù,,Ù†Ø,Ø§Ù... Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠ.

Ø°Ù...Ø-Ø±Ø° Ø¥Ø-Ø±Ø§Ø¶ Ø°ÙfÙ°ÙŠÙ† "Ø§Ù,,Ø³Ø§Ø° Ø§Ù,,Ø°ÙfÙŠ"ØØ ÙŠÙ,Ù°Ù... HCM-F
Ø°Ù...Ø²Ø§Ù...Ù†Ø© Ø-Ù...ÙŠØ¹ Ø§Ù,,Ø°ÙŠØ§Ù†Ø§Ø° Ù...Ù† CSSM Ù°Ø°Ø°ÙŠØ« SDR Ù° Smart
Account Ù...Ø¹ Ø°ÙŠØ§Ù†Ø§Ø° Ø§Ù,,Ø³Ø§Ø° Ø§Ù,,Ø,Ø§Ù±Ø±ÙŠ. Ø°Ù...Ø-Ø±Ø° Ø°ØØÙŠØ«
Ø°ÙŠØ§Ù†Ø§Ø° Ø§Ù,,Ø³Ø§Ø° Ø§Ù,,Ø,Ø§Ù±Ø±ÙŠ Ù ØÙŠ SDRØØ ÙŠØ³Ù...Ø
Ù,,Ù...Ø³Ø°ØØØ°Ù... Ø§Ù,,Ø¥Ø°Ø§Ø±Ø© Ø°Ø°¹ÙŠÙŠÙ† Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø©
Ø¥Ù,,Ù% Ø£ÙŠ Ø³Ø§Ø° Ø,Ø§Ù±Ø±ÙŠ.

Ù°ÙŠØ°Ø§Ø± Ø¥Ù,,Ù% Ø¹Ù...Ù,,ÙŠØ© Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø© Ù†Ø°Ù± Ø°Ø§Ø³Ù...
"Ø°Ø¹ÙŠÙŠÙ† Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø©"ØØ Ù°ÙŠØ°Ù,,Ù, Ø¹Ù,,Ù% Ø¥Ø²Ø§Ù,,Ø©
Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø© Ù...Ù† VA Ø§Ø³Ù... "Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø©
Ø°Ù°Ù† Ø§Ù,,Ø°Ø¹ÙŠÙŠÙ†". Ù°ÙŠØ°Ø§Ø± Ø¥Ù,,Ù% Ø¹Ù...Ù,,ÙŠØ§Ø° Ø§Ù†Ø°Ù,,Ø§Ù,,
Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø© Ù...Ù† VA Ø¥Ù,,Ù% ØØØØØ± Ø°Ø§Ø³Ù... "Ø¥Ø¹Ø§Ø°Ø© Ø°Ø¹ÙŠÙŠÙ†
Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù°Ø¹Ø©".

Ù,,Ø°Ø¹ÙŠÙŠÙ† Ù†Ø,Ø§Ù... Ù...Ø-Ù...Ù°Ø¹Ø© Ø¥Ù,,Ù% CSSMØØ Ø§Ù†Ø°Ù,,Ù,, Ø¥Ù,,Ù%

Ù...Ø°ÙŠØ± Ø§Ù,,Ø°Ù†ÙŠØ© Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ© > Ø§Ù,,Ø°Ø±ØØÙŠØµØ§Ù,,Ø°ÙfÙŠ >
Ù...Ù,,ØØØµØ§Ù,,Ø³Ø§Ø° Ø§Ù,,Ø,Ø§Ù±Ø±ÙŠ:

ØØ-Ø° Ø§Ù,,Ø³Ø§Ø° Ø§Ù,,Ø,Ø§Ù±Ø±ÙŠ Ø§Ù,,Ø°ÙŠ Ø°Ø±ÙŠØ° Ø¥Ø³Ø°ØØØ-Ø§Ù...Ù±.

- ▼ Smart
- Tr
- C
- S
- V
- C
- Licen
- Servi

Virtual Accounts

Refresh

Name	SA Name	Access Level
<input type="text" value="Filters"/> 1 of 1285 items shown <input type="button" value="Clear filter"/>	BU Production Test	PUBLIC

1 - 1 of 1 item K < > >I

ØªØ¹ÙŠÙŠÙ† Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù´Ø¹Ø©: ØªØ¹ÙŠÙŠÙ† SLECT:

Edit Virtual Account -

▼ General Information

Name:

Description:

Smart Account Name:

Domain Name:

License Mode: ▼

Commercial Access Level:

▼ Clusters Assigned to

Note: Assigning a cluster will cause the publisher node to restart automatically.

<input type="checkbox"/>	Name
<input type="button" value="Filters"/>	No filter applied
0 item	

00-0-0^0-0^ùšù, 0şù,,0ş0^00şù,,0ş0^ 0şù,,ù...ù^00-0© 0şù,,0°ùš 0^0±ùš0-
0^0^ùšùšùù†ù‡ ù^00-0- 0^0± 0^0^ùšùšùù†:

Assign Clusters to HCS-DEMO		
<input type="checkbox"/>	Name	Type
Filters No filter applied		
<input checked="" type="checkbox"/>	cl1-alfa	CUCM
<input type="checkbox"/>	cluster2-test	CUCXN

0^ù...0-0±0- 0şùf0^ù...0şù,, 0şù,,ù...ù‡ù...0©0œ ùš0,ù‡0± 0^0-0^ùšù,
0şù,,0ş0^00şù,,0ş0^ 0şù,,ù...ù^00-0© ùfù...0©0µù,,ù,,00^0ş0^ 0şù,,0,0şù‡0±ùš (VA)
0şù,,0°ùš 0£0^000-ù...0^ù‡:

(0şù,,0^0±0©ùš0,0şù,,0°ùfùš > ù...ù,,0©0,0şù,,ù...0-ù...ù^0^0©

- ▼ Smart Licensing
 - Transport Mode
 - Configure Smart Account
 - Smart Account Summary
 - Virtual Account Summary
 - Cluster Summary**
 - ▶ License Dashboard
 - ▶ Service Provider Toolkit

Cluster Summary

Name	Type	Version	Smart Account
cl1-alfa	CUCM	12.5	
cluster2-test	CUCXN	12.5	

1 - 2 of 2 items

Ù...Ø§Ø°Ø§ ÙŠØØ-Ø« Ø¹Ù†Ø- ØªØ®ØµŠØµØªØ·Ø·ÙŠÙ, Ø§Ù,,Ø§ØªØµØ§Ù,,Ø§Øª Ø§Ù,,Ù...Ù^ØØ-Ø© Ù,,Ø®Ø-Ù...Ø© Ø§Ù,,ØªØ±Ø®ÙŠØµØ§Ù,,Ø°ÙfÙŠ Ø¹Ø·Ø± HCM-FØÿ

Ù‡Ø°Ø§ Ù‡Ù^ Ø³ÙŠØ± Ø¹Ù...Ù,, HLM Ø§Ù,,Ø°ÙŠ ÙŠØªÙ... ØªÙ†Ù ðÙŠØ°Ù‡:

- Ø§Ù,,ØªØÙ,Ù,
- ØªØ°ÙŠÙŠØ± Ù^Ø¶Ø¹ Ø§Ù,,ØªØ±Ø®ÙŠØµ
- ØªØ°ÙŠÙŠØ± Ù^Ø¶Ø¹ Ø§Ù,,Ù†Ù,Ù,,
- Ø§Ù,,ØªØ³Ø-ÙŠÙ,,

Ù^ÙŠÙ...ÙfÙ† Ù...Ù,,Ø§ØØ,Ø© Ø°Ù,,Ùf Ù ðÙŠ Ù,Ø³Ù... Ø§Ù,,Ù...Ù‡Ø§Ù... (Ù...Ø-ÙŠØ± Ø§Ù,,Ø·Ù†ÙŠØ© Ø§Ù,,Ø£Ø³Ø§Ø³ÙŠØ© > Ø§Ù,,Ø¥Ø-Ø§Ø±Ø© > Ø§Ù,,Ù^Ø,Ø§Ø:Ù ð):

Administration

- Jobs**
- Sync Request
- Install Application
- Default Credentials
- Service Provider
- Settings
- Diagnostics

Job Details

Job Type:	Provisioning
Entity Type:	Smart Account
Date/Time Initiated:	17-Jun-2019 15:51:33
Date/Time Completed:	17-Jun-2019 15:52:40
Status:	Succeeded
Entity Name:	
Description:	Assignment of Cluster cl1-alfa completed
Status Information:	Verification - Pass License Mode Change - Not Transport Mode Change - Not Registration - Pass
Recommended Action:	

<input type="checkbox"/>	Provisioning	Assignment of Cluster cl1-alfa to HCS-DEMO completed	Smart Account	17-Jun-2019
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ØªØ³Ø¬ÙŠÙ,, Ø§Ù,,Ø¬Ø®Ù^Ù,, Ù◆ÙŠ Ø§Ù,,Ù...Ø³Ø§Ø± (ØªÙ... ØªØ¹ÙŠÙŠÙ† Ø³Ø¬Ù,,Ø§Øª HLM Ø¹Ù,,Ù% "ØªÙ◆ØµÙŠÙ,,ÙŠ")

1. ØªØµ,, HLM Ø¹Ù,,Ù% Ø¬Ù,,Ø¬ ØªØ¹ÙŠÙŠÙ† Ù†Ø,Ø§Ù... Ù...Ø¬Ù...ÙªØ© Ù...Ù†
Ù,Ø§Ø¹Ø¬Ø© Ø§Ù,,Ø¬ÙŠØ§Ù†Ø§Øª ÙªØªØªÙ,,Ù, Ù...Ù...Ø§ ØªØªØ§ Ù†Ø§Ù† Ù†Ø,Ø§Ù...
Ø§Ù,,Ù...Ø¬Ù...ÙªØ© Ù...ØªÙ†Ù,,Ø§:

```
2019-06-26 13:17:35,199 INFO [53] Getting the Instance of Cluster Assignment Agent ClusterAssignmentReq  
2019-06-26 13:17:35,199 DEBUG [53] AgentMessageDispatcher::process -- Agent with instance >SMART_LIC_CLU  
2019-06-26 13:17:35,199 INFO [169] processing Agent SMART_LIC_CLUSTER_OPERATION
```

```
2019-06-26 13:17:35,332 DEBUG [169] isProgressInfoChanged : true  
2019-06-26 13:17:35,332 DEBUG [169] job.getStatusInfo: :Verification - Inprogress|License Mode Change -  
2019-06-26 13:17:35,357 INFO [169] jobKID from create: 26  
2019-06-26 13:17:35,357 DEBUG [169] Update method at End : JobDTOcom.cisco.hcs.HLM.smartlic.dto.JobDTO C  
sDRJobPK: 26  
jobId: null  
jobType: PROVISIONING  
description: Assignment of Cluster cl-beta to HCS-DEMO Started  
JobEntity: JOB_ENTITY_SMARTACCOUNT  
entityName: null  
status: IN_PROGRESS  
isModifiable: true  
isDeletable: true  
isRestartable: false  
isCancelable: false  
progressInfo: {Verification=Inprogress, License Mode Change=Not Started, Transport Mode Change=Not Start  
errorDescription: null  
recommendedAction: null
```

2. Ø§Ù,,Ù...Ø¬Ù...ÙªØ© Ù...ØªÙ†Ù,,Ø©:

```
<com.cisco.hcs.hcsagent.message.smartlic.ClusterAssignmentResp>  
<messageType>ClusterAssignmentResp</messageType>  
<source>  
<serviceName>ClusterAssign</serviceName>  
<instance>SMART_LIC_CLUSTER_OPERATION</instance>  
</source>  
<destination>  
<serviceName>SDRUI</serviceName>  
<instance>HCS-SMARTLIC-LIB0</instance>  
</destination>  
<sessionId>5fbb89a2-c62b-4d85-b385-3648c8010413</sessionId>  
<transactionID>b2e1cfe6-b8fb-462c-a874-374e19afd110</transactionID>  
<fault>false</fault>  
<Fork>false</Fork>  
<requeueCount>0</requeueCount>  
<jobId>26</jobId>  
<responseCode>PASS</responseCode>  
<responseDesc>SmartLicNoError</responseDesc>  
<smartLicRespCode defined-in="com.cisco.hcs.hcsagent.message.smartlic.ClusterOperationsResponse">PASS</
```

```
<smartLicRespReason defined-in="com.cisco.hcs.hcsagent.message.smartlic.ClusterOperationsResponse">Smart
<smartLicRespCode>PASS</smartLicRespCode>
<smartLicRespReason>SmartLicNoError</smartLicRespReason>
</com.cisco.hcs.hcsagent.message.smartlic.ClusterAssignmentResp>
```

3. HLM HCS:

```
2019-06-26 13:17:35,646 DEBUG [33] First pool session created: SDRSyncSession@f11306
2019-06-26 13:17:35,650 INFO [169] UCApDeploymentModeConnection: Opening secure connection to: https://
2019-06-26 13:17:35,650 INFO [169] UCApDeploymentModeConnectionPort successfully opened
2019-06-26 13:17:35,652 DEBUG [33] Pool session created: SDRSyncSession@2cd71b
2019-06-26 13:17:35,659 DEBUG [33] Pool session created: SDRSyncSession@a4e538
2019-06-26 13:17:35,667 DEBUG [33] Pool session created: SDRSyncSession@b3c0d9
2019-06-26 13:17:35,667 INFO [33] Pool is valid. Pool create time in Ms: 1561547855646, poolRunning: fal
2019-06-26 13:17:35,667 INFO [33] Created 4 pool sessions.
```

4. HLM HCS (CHPA) Cisco CSSM:

```
2019-06-26 13:17:39,102 DEBUG [169] Agent: sending to [chpa]
-----
<com.cisco.hcs.hcsagent.message.chpa.GetTransportSettingsRequest>
<messageType>GetTransportSettingsRequest</messageType>
<source>
<serviceName>ClusterAssign</serviceName>
</source>
<destination>
<serviceName>chpa</serviceName>
</destination>
<sessionID>getTransport-4</sessionID>
<fault>>false</fault>
<Fork>>false</Fork>
<requeueCount>0</requeueCount>
<deviceId>
<type>ApplicationInstance</type>
<key class="com.cisco.hcs.sdr.v10_0.KIDInt">
<internalValue>4</internalValue>
</key>
</deviceId>
<clusterName>cl-beta</clusterName>
</com.cisco.hcs.hcsagent.message.chpa.GetTransportSettingsRequest>
-----
```

```
2019-06-26 13:17:39,104 DEBUG [169] Agent: Sent message to chpa(null)
2019-06-26 13:17:39,104 INFO [169] UCApTimerTask , Timer Task started at:Wed Jun 26 13:17:39 CEST 2019
2019-06-26 13:17:39,104 DEBUG [169] com.cisco.hcs.HLM.smartlic.core.clusterops.utils.UCApTimerRegister
2019-06-26 13:17:39,104 DEBUG [81655] UCApTimerTask , Timer Task Attempt of Retry 0
2019-06-26 13:17:39,104 INFO [169] JMS Message is Processed and leaving out from JMS thread
2019-06-26 13:17:44,207 DEBUG [45] KeepAliveConsumerProcessor::process -- enter
2019-06-26 13:17:44,207 DEBUG [94] KeepAliveConsumerProcessor::process -- enter
2019-06-26 13:17:44,208 DEBUG [45] KeepAliveConsumerProcessor::process -- received broadcast message fo
2019-06-26 13:17:44,208 DEBUG [45] noChange -- sdrconf is Alive
2019-06-26 13:17:44,208 DEBUG [45] KeepAliveMonitor::setExpiresBy:
```

```
2019-06-26 13:17:44,208 DEBUG [94] KeepAliveConsumerProcessor::process -- received broadcast message for
2019-06-26 13:17:44,208 DEBUG [45] now: 26/06/2019 01:17:44.208
2019-06-26 13:17:44,208 DEBUG [94] noChange -- sdrconf is Alive
2019-06-26 13:17:44,208 DEBUG [45] expected by: 26/06/2019 01:19:44.208
2019-06-26 13:17:44,208 DEBUG [94] KeepAliveMonitor::setExpiresBy:
2019-06-26 13:17:44,208 DEBUG [94] now: 26/06/2019 01:17:44.208
2019-06-26 13:17:44,208 DEBUG [94] expected by: 26/06/2019 01:19:44.208
2019-06-26 13:17:46,105 INFO [36] Perfmon Category in Publish Counter update is Cisco HCS License Manage
2019-06-26 13:17:46,106 DEBUG [36] AgentJmx: JMS connection already up, reusing connection
2019-06-26 13:17:49,420 INFO [63] smartLicAuditProcessor::process enter...
2019-06-26 13:17:50,075 INFO [66] smartLicAuditProcessor::process enter...
```

5. Ø^Ù... Ø^Ø¹ÙŠÙŠÙ† Ù†Ø,Ø§Ù... Ø§Ù,,Ù...Ø-Ù...Ù^Ø¹Ø© Ø^Ù†Ø-Ø§Ø:

```
2019-06-26 13:17:50,390 INFO [68] LicUsageAuditProcessor::process enter...
2019-06-26 13:17:52,331 DEBUG [53]
AgentMessageDispatcher -- Received msg by RouteBuilder[ClusterAssign-null] :
-----
<com.cisco.hcs.hcsagent.message.chpa.GetTransportSettingsResponse>
<messageType>GetTransportSettingsResponse</messageType>
<source>
<serviceName>chpa</serviceName>
<instance>3998890f-ac1c-4ee8-baf8-6b0d2331387b</instance>
</source>
<destination>
<serviceName>ClusterAssign</serviceName>
</destination>
<sessionId>getTransport-4</sessionId>
<fault>>false</fault>
<Fork>>false</Fork>
<requeueCount>0</requeueCount>
<deviceId>
<type>ApplicationInstance</type>
<key class="com.cisco.hcs.sdr.v10_0.KIDInt">
<internalValue>4</internalValue>
</key>
</deviceId>
<responseCode>PASS</responseCode>
<responseReason>chpaNoError</responseReason>
<clusterName>cl-beta</clusterName>
<mode>HTTP/HTTPS Proxy</mode>
<url></url>
<ipAddress>proxy.esl.cisco.com</ipAddress>
<port>8080</port>
</com.cisco.hcs.hcsagent.message.chpa.GetTransportSettingsResponse>
-
```

```
progressInfo: {Verification=Pass, License Mode Change=Not Applicable, Transport Mode Change=Not Applicable}
errorDescription: null
recommendedAction: null
jobTypeChanged: true
descriptionChanged: true
JobEntityChanged: true
entityNameChanged: false
statusChanged: true
isModifiableChanged: false
isDeletableChanged: false
```

```
isRestartableChanged: false
isCancelableChanged: false
progressInfoChanged: false
errorDescriptionChanged: false
recommendedActionChanged: false
}
```

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسم ل ا ذه Cisco ت مچرت
م ل ا ل ا ا ن ا ع مچ ي ف ن م دخت س م ل ل م عد ي و ت م م م دقت ل ة ي ر ش ب ل و
امك ة ق ي ق د ن و ك ت ن ل ة ي ل ا ة مچرت ل ض ف ا ن ا ة ظ ح ال م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت م م مچرت م ا م د ق ي ي ت ل ا ة ي ف ا ر ت ح ال ا ة مچرت ل ا م ل ا ح ل ا و ه
ي ل ا م ا د ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا هذه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا دن ت س م ل ا