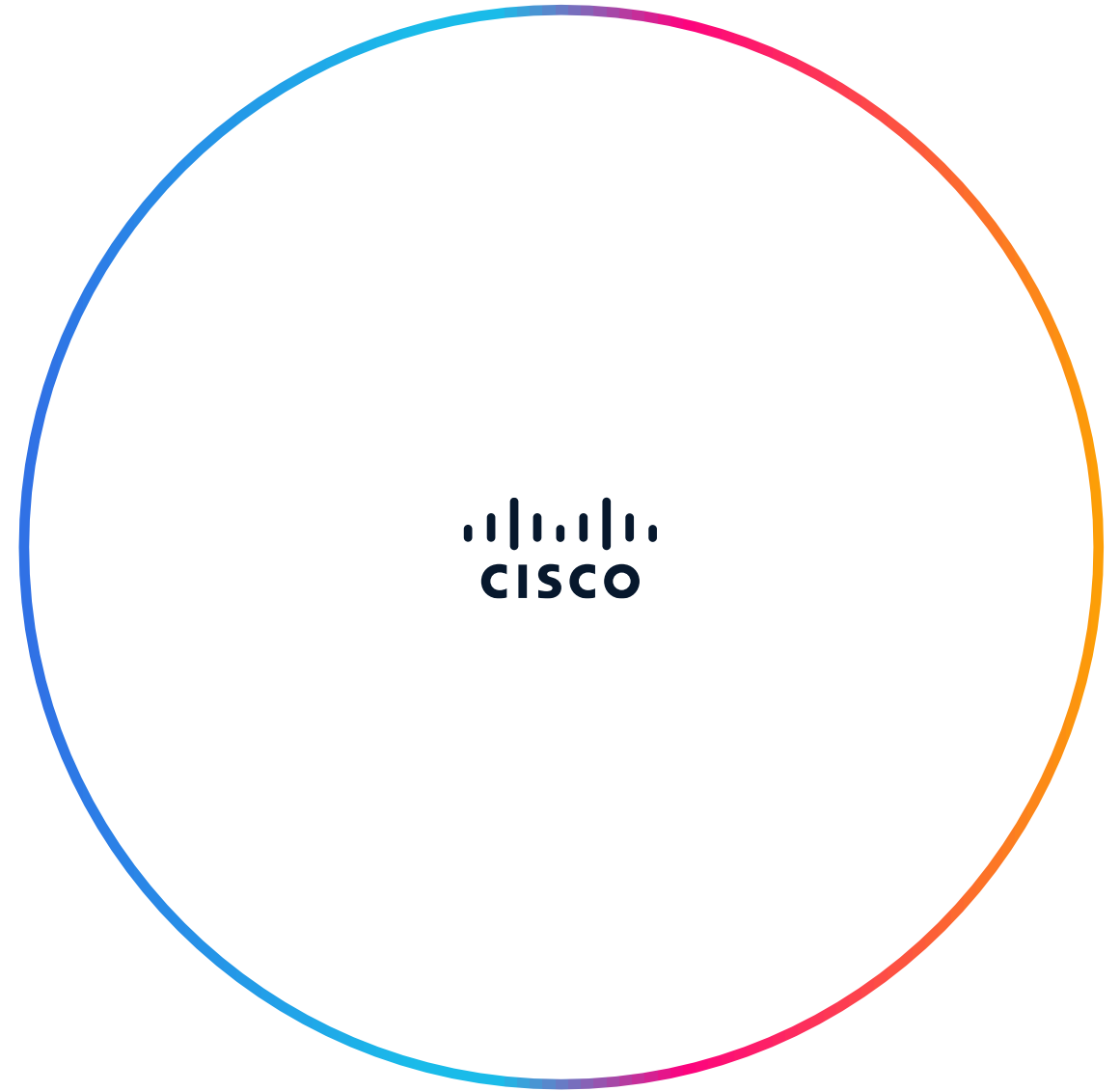


# Cisco License On-Prem

Unveiling the NextGen Experience

Licensing Enablement & Adoption

October 2026



# Housekeeping

1. Attendees are muted upon entry
2. Recording and slides will be made available after the webinar
3. Please post your questions to Q&A
4. Provide your feedback through polls

# Agenda

1. Introduction to Cisco License On-Prem
2. Cisco License On-Prem → Future of SSM On-Prem Server
3. Cisco License On-Prem Features
4. Connectivity Modes
5. SSM On-Prem to Cisco License On-Prem: Upgrade Procedures
6. Cisco License On-Prem UI walkthrough
7. Best Practices for Cisco License On-Prem Management
8. Key Learnings
9. Polls
10. Call to Action

# Introduction to Cisco License On-Prem

**Cisco License On-Prem** is an IT Asset Management solution that enables customers to administer Cisco products and licenses on their premises. It is designed as an extension of Cisco Smart Software Manager and provides a similar set of features.



## Business Problem

- **Local control & compliance** for strict security and regulatory needs
- **Air-gapped environments** with limited or no connection to Cisco's central licensing database



## Solution

- **Local licensing system** hosted on customer's network
- **Licenses managed offline**, keeping sensitive data in-house
- **No constant cloud connection**, ensuring regulatory and security compliance

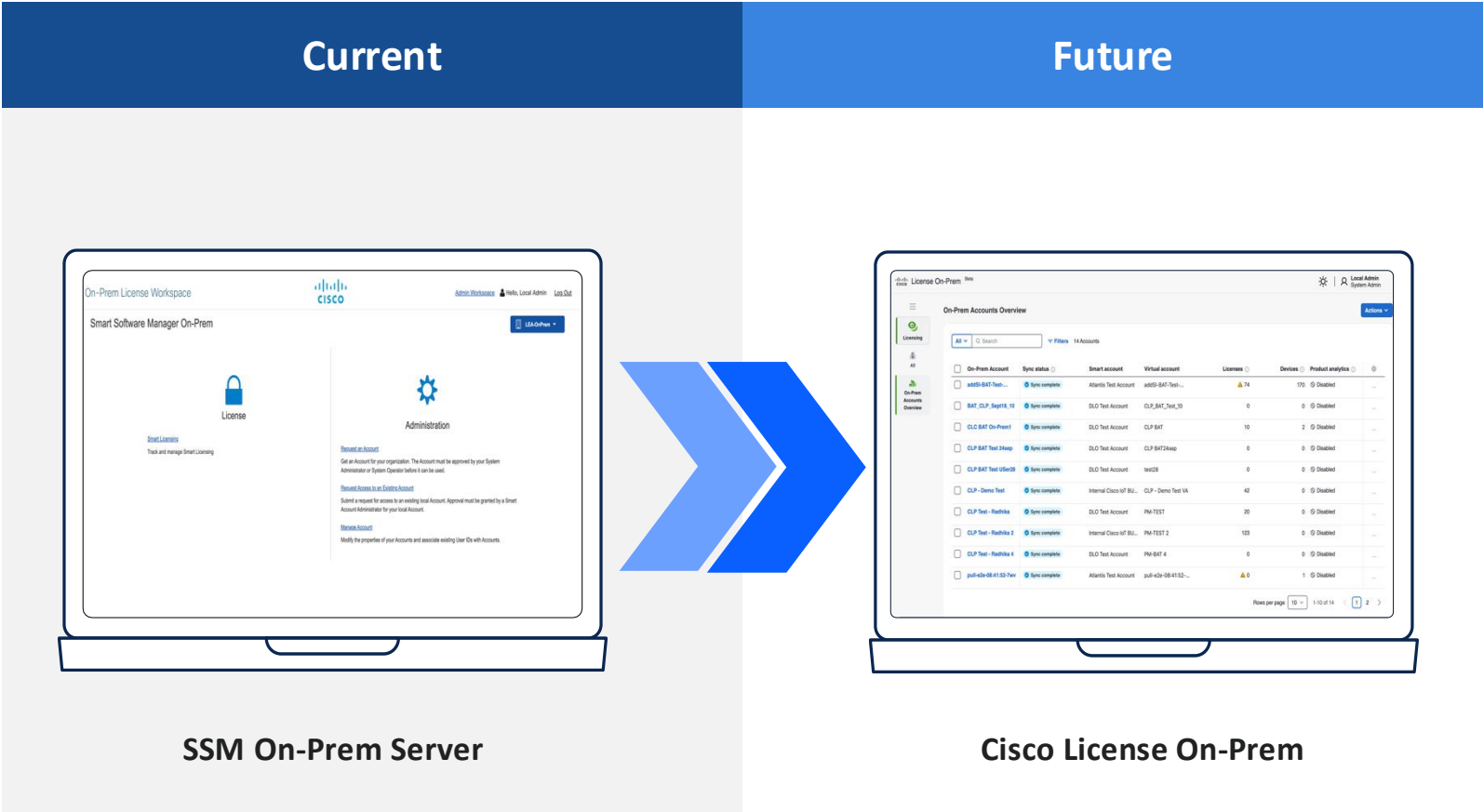


## Outcomes

- **Eliminates external dependency**, minimizing compliance risks
- **Streamlines audits and renewals** with one local control
- **Secure, in-house licensing**, ensuring confidence and compliance

# Cisco License On-Prem

Future of SSM On-Prem



## Key Highlights



**Modern UX framework**  
User centric design with usability improvements



**UX Parity with the Cloud Experience**  
Parity in both look and feel & functionality



**Enhancements**  
Simplified workflows for efficient and intuitive experience

# Cisco License On-Prem Features

## High Availability & Performance

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Support for Two and Three-node HA architecture ensures improved performance, failover, and uninterrupted service.

## Flexible Deployment

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Supports multiple platforms including VMware ESXi, AWS, Azure, Hyper-V, Nutanix, KVM-Ubuntu and RHEL and OpenShift Virtualization for versatile virtual environment deployment. Includes AMD support for CLP.

## User Experience & Efficiency

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Features a user-centric design with a modern UX framework, contributing to reduced operational expenses. Embedded AI Assistant.

## Stability & Security

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Includes rate limiting, FIPS certification, and secure Okta-based authentication.

## Multi-Tenancy and Scalability

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Allows for the management of multiple Cisco Virtual Accounts or customer Smart accounts. Scales up to a total 300,000\* product instances with a maximum capacity of 25,000 Product Instances per account using 1 license each.

## Cloud Consistency & Integration

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Offers a consistent experience with the Cisco Cloud UI, providing improved visibility and actionable insights.

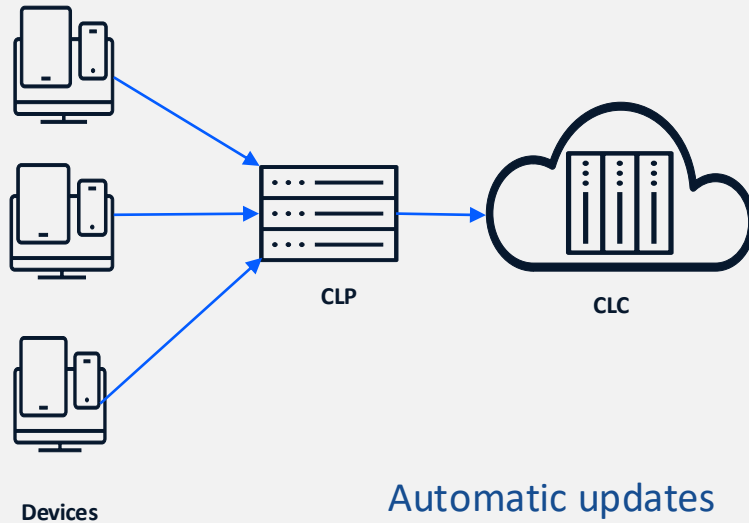
Unified One-Click Sync with CLC

*\*Depends on the deployment platform and the types of devices being used*

# Connectivity Modes

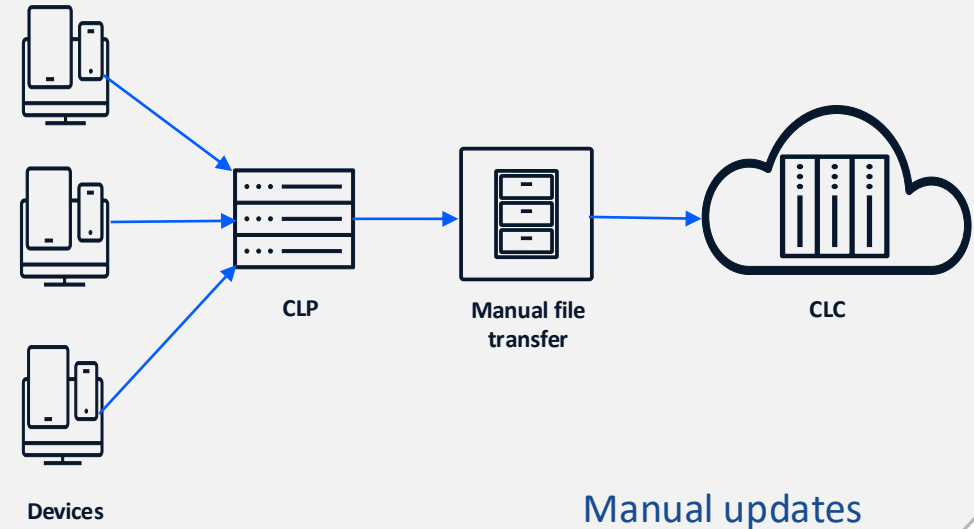
## Connected

- Mode is used when there is **direct connectivity** to Cisco License Central from the Cisco License On-Prem.
- License consumption and entitlements can be synchronized with Cisco Licenses Central on-demand or automatically via scheduling
- Standard model & easiest to deploy.



## Disconnected

- Mode is used when there is **no connectivity** to Cisco License Central from the Cisco License On-Prem.
- Cisco License On-Prem can be synchronized with Cisco License Central via a file upload and download.



# SSM On-Prem to Cisco License On-Prem: Upgrade SOP

| CLP Target release | Direct upgrade supported from                    | Migration Supported from |
|--------------------|--------------------------------------------------|--------------------------|
| 10-202606          | 9-202502, 9-202504, 9-202507, 9-202510, 9-202601 | 8-202404                 |
| 10-202608          | 10-202606, 9-202601                              |                          |
| 10-202609          | 10-202608                                        |                          |

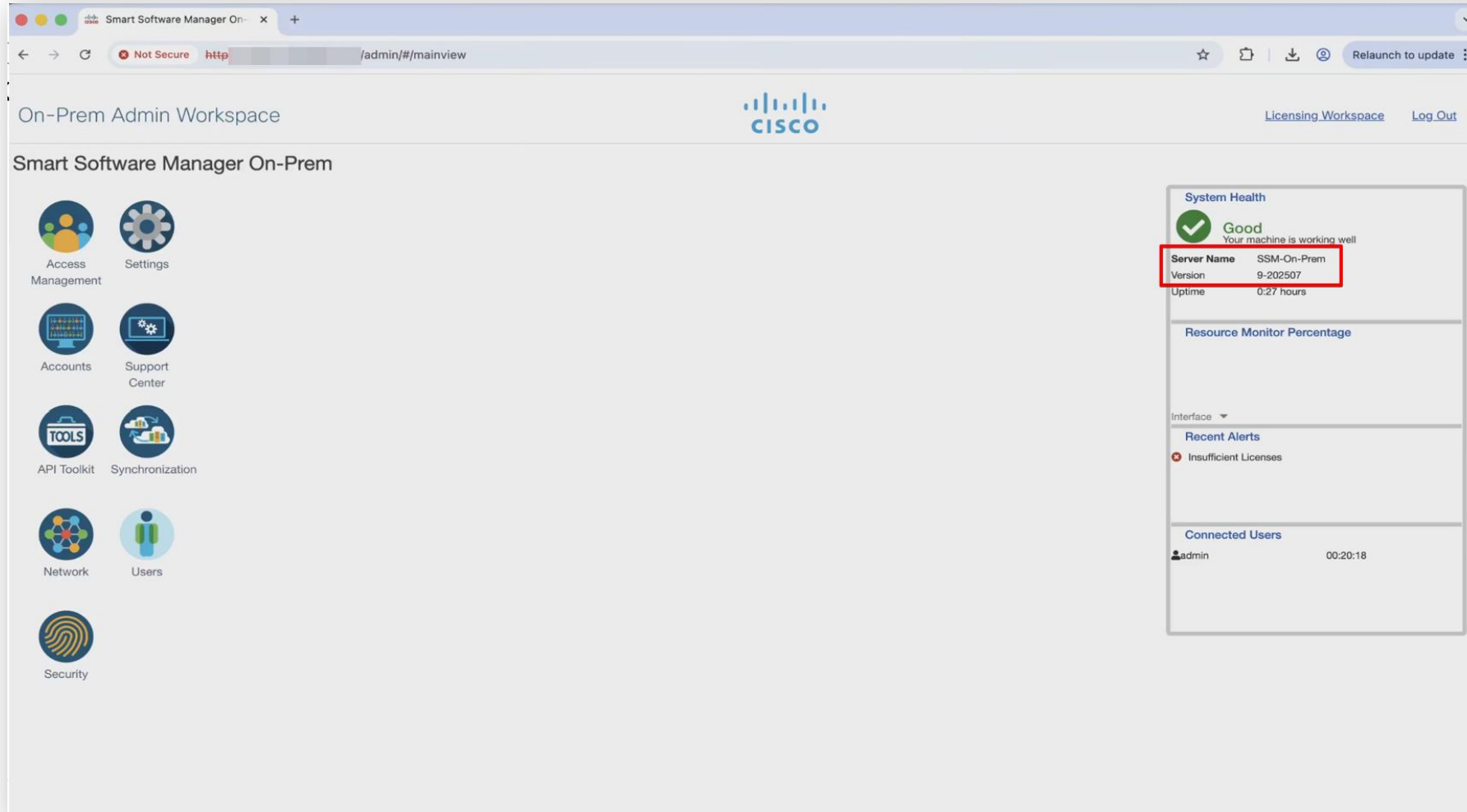
## General pre-upgrade steps:

1. Confirm the upgrade path is supported for your exact current and target releases
2. Verify the virtual machine meets the minimum requirements for the target release
3. Do not resize the virtual machine during the upgrade process
4. Perform a full database backup and take a snapshot (if possible) and complete synchronization before starting the upgrade to prevent potential data loss.
5. If using proxy – enable the new endpoint for outgoing traffic: **id.cisco.com**
6. Please refer to Upgrade procedure in [Release Notes](#) and [Installation Guide](#)

## Post-upgrade checks:

1. Clear your browser cache after the process is complete to ensure the interface correctly displays the updated environment.
2. Confirm the new version from CLI
3. Log in to the web UI and confirm it is accessible
4. **Sync Status shows as sync required for all the accounts, perform the synchronization.**
5. Confirm product instances and license usage appear as expected
6. If applicable, verify: proxy connectivity, certificate status, cluster / HA health
7. Keep the VM snapshot until functionality is validated
8. **In case of any upgrade failures, please do not rollback to previous SSM On-Prem version. Please raise a case with Cisco TAC.**

# Pre-Upgrade System Setup



## Pre-Checks

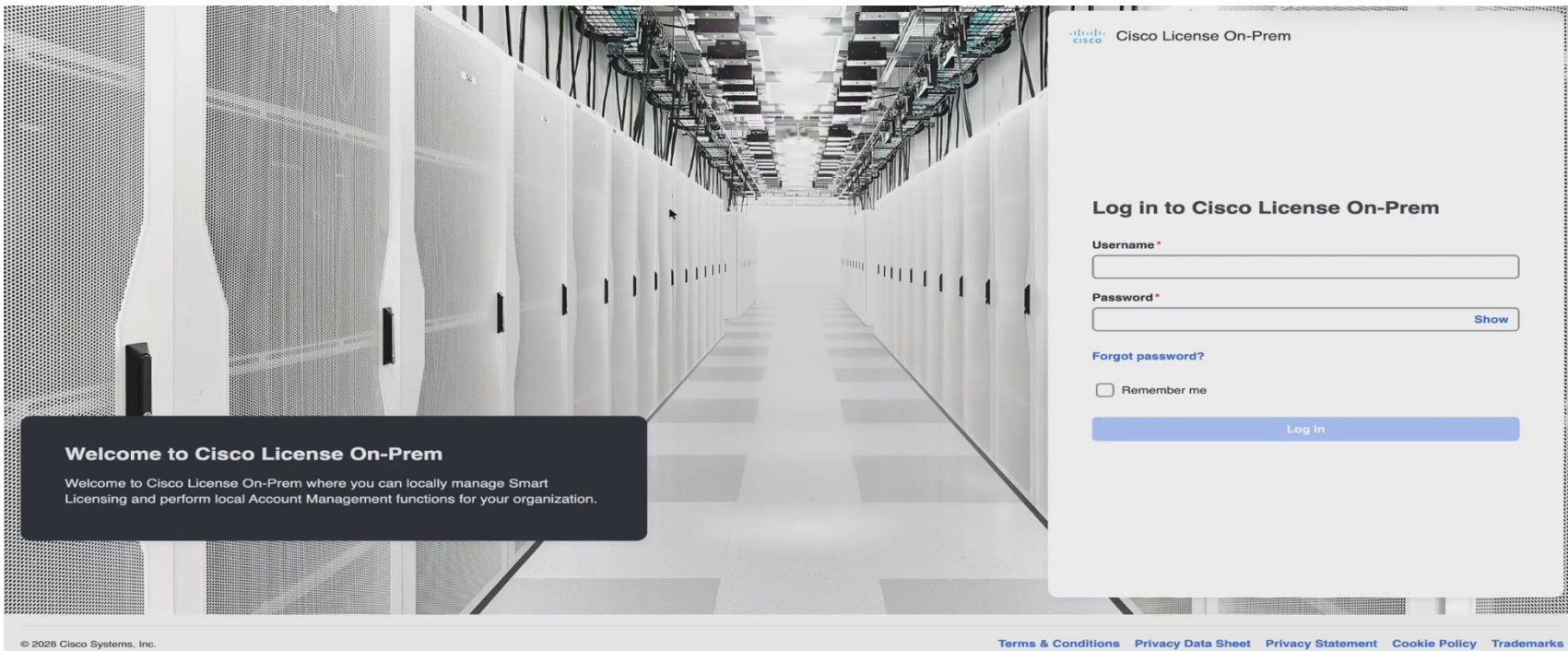
1. Confirm the integrity of all existing accounts, device configurations, and LDAP settings.
2. Ensure automated database backups are current, and security certificates are valid.
3. Establish this baseline to guarantee a stable starting point before initiating the upgrade.

# Upgrade to Cisco License On-Prem

```
[>> dir patches
      FILESIZE  FILENAME                                DATE
3432978385b  patches:CLP_upgrade-10-202606-2605181317.sh  2026-05-18 16:59:42
      512b    patches:CLP_upgrade-10-202606-2605181317.sh.sha256  2026-05-18 16:59:55
[>> upgrade patches:CLP_upgrade-10-202606-2605181317.sh
Administrative privileges required. Please enter your password to continue.
[sudo] password for admin:
Upgrading system from patch file ... /var/files/patches/CLP_upgrade-10-202606-2605181317.sh
Verified OK
Creating directory /var/tmp/ssms_patch-10-202606
Verifying archive integrity... 76% ▣
```

## Process

1. The user logs into the On-Prem console and uploads the upgrade patch file.
2. Required commands are executed to initiate the upgrade process.
3. The system is successfully upgraded to the latest Cisco License On-Prem version.



# Post-Upgrade Synchronization

License On-Prem

Licensing > On-Prem Accounts Overview

## On-Prem Accounts Overview

Actions

All Search Filters 2 On-Prem Accounts

| <input type="checkbox"/> | On-Prem Account     | Sync status ⓘ   | Last sync             | Smart account    | Virtual account       | Licenses ⓘ | Devices ⓘ | Product analytics |     |
|--------------------------|---------------------|-----------------|-----------------------|------------------|-----------------------|------------|-----------|-------------------|-----|
| <input type="checkbox"/> | kg-test-clc-clp-... | ⚠ Sync required | May 18, 2026 3:20 UTC | DLO Test Account | kg-test-clc-clp-...   | 0          | 0         | Disabled          | ... |
| <input type="checkbox"/> | kg-test-upgrade-... | ⚠ Sync required | May 18, 2026 3:29 UTC | DLO Test Account | kg-test-upgrade-clp-1 | ⚠ 0        | 3         |                   |     |

- Initiate network (online) sync
- Initiate manual (offline) sync
- Manage On-Prem Account

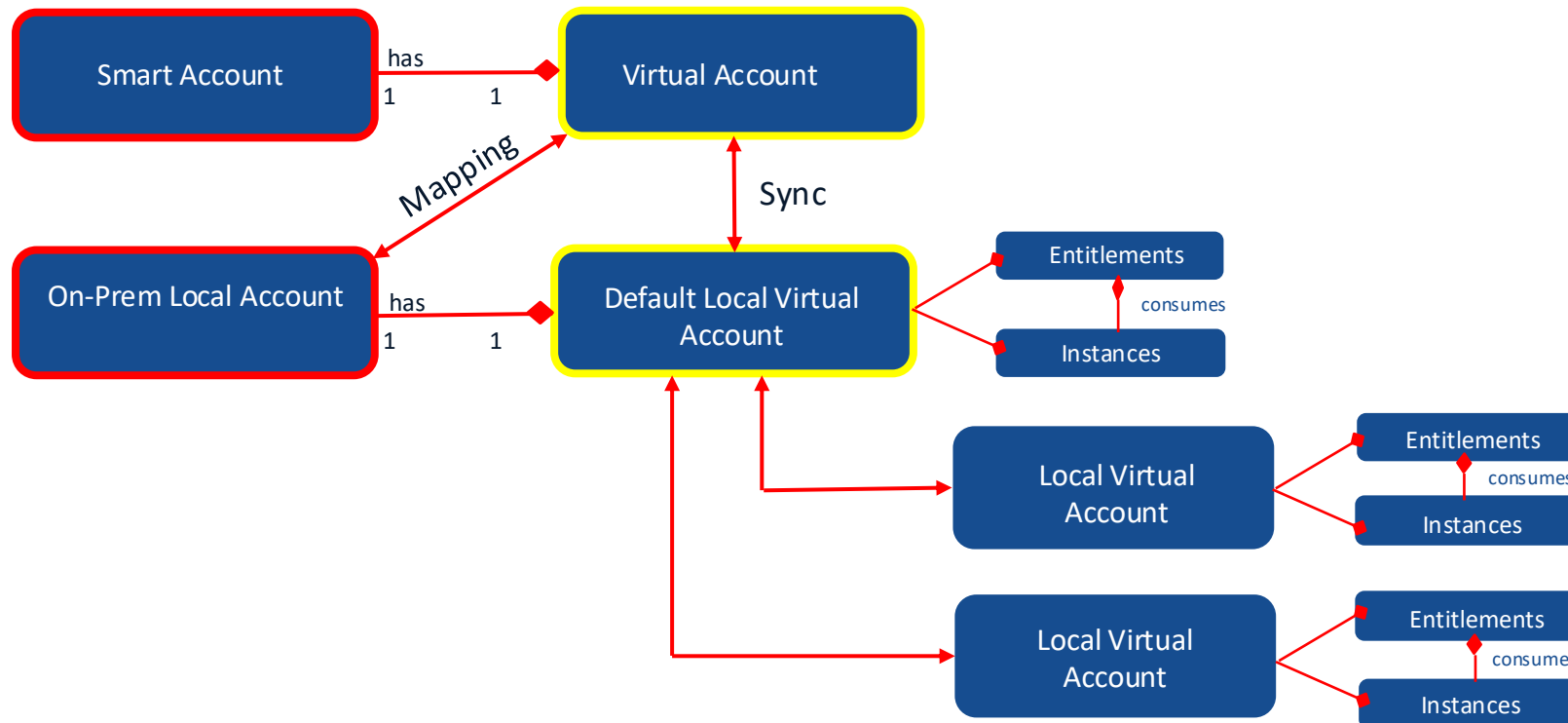
## Workflow

1. After the upgrade, on-premises accounts must be synchronized for the first time.
2. Initial synchronization ensures all existing accounts are aligned with the updated system.
3. This step sets up a consistent baseline for ongoing account management and integration.

# Cisco License On-Prem UI walkthrough

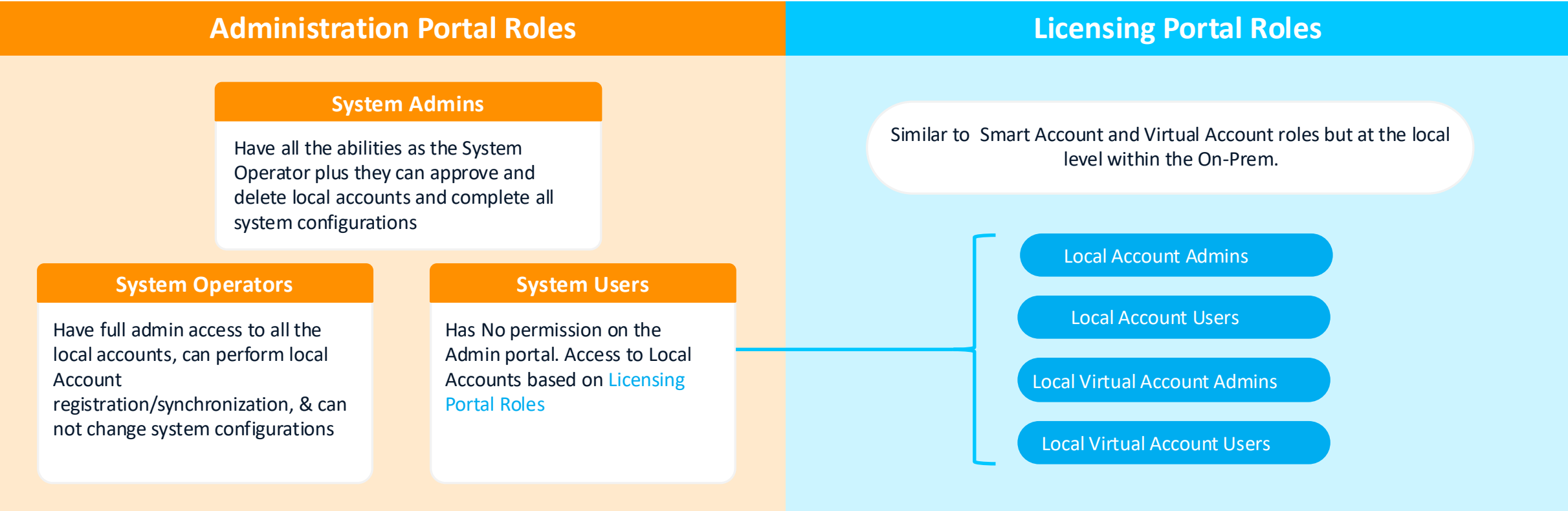
# Mapping Smart Account with On-Prem

- Cisco uses **Smart Accounts** and **Virtual Accounts**, while On-Prem uses **Local Accounts** and **Local Virtual Accounts**.
- Each **On-Prem Local Account** maps to **one Cisco Virtual Account** (one-to-one relationship).
- A Local Account can contain **multiple Local Virtual Accounts**.
- Each **Local Virtual Account** can hold multiple registered product instances and their associated licenses.
- One Local Virtual Account is always the **Default** and is named “**Default**”.



# Licensing and Administration Portal Roles

| Role                             | Access                                           |                                                        |
|----------------------------------|--------------------------------------------------|--------------------------------------------------------|
| System Admin: (Full Access)      | Full System access to all configuration settings | Full Access to all Accounts and Local Virtual Accounts |
| System Operator (Limited Access) | No ability to change system configurations       | Full Access to all Accounts and Local Virtual Accounts |
| System User (Restricted)         | Access is restricted to License Workspace Only   |                                                        |



# Best Practices for Cisco License On-Prem Management



## Installation & Compliance

- Adhere to the Installation and User Guide by ensuring all hardware requirements are met promptly to prevent performance issues.
- Set up a clear, logical internal structure for your On-Prem accounts to simplify management and tracking.
- Ensure your On-Prem system regularly syncs with Cisco License Central at least once every 30 days or via automatic scheduling.



## System Health & Maintenance

- Monitor your System Health Status regularly to identify and resolve potential issues before they impact operations.
- Conduct comprehensive device health checks every 90 days to maintain optimal performance and configuration integrity.
- Update your On-Prem software to the latest version regularly for security patches and feature enhancements.
- Address system alerts promptly to prevent minor configuration issues from escalating into service outages.
- Maintain a consistent, automated schedule for backing up your database and system configurations to ensure rapid recovery.
- Reach out to the TAC team for any on-prem server issues that require expert assistance.



## Security & Access Control

- Assign restricted roles to personnel, ensuring users have only the minimum access level required for their specific job functions.

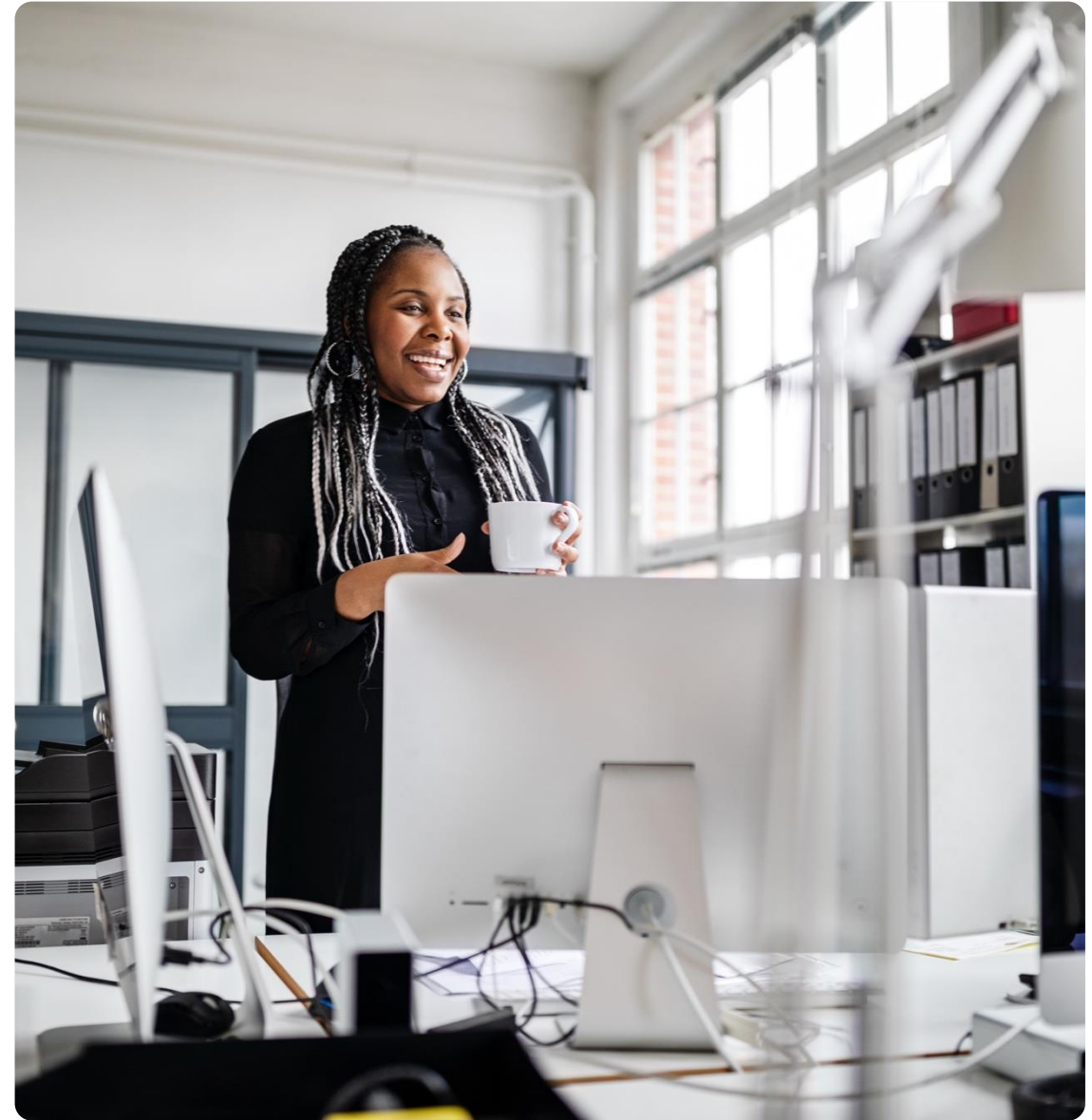
# Key Learnings/Summary



- Cisco License On-Prem offers a local server for managing Cisco licenses, providing essential control and compliance for customers with strict security or air-gapped environment needs.
- It represents a modernized evolution of the SSM On-Prem Server, bringing enhanced stability, performance, and seamless integration with Cisco's central licensing system.
- The new user-centric design simplifies workflows, improves visibility, and offers a consistent experience with Cisco's cloud licensing platform.

# Polls

Please participate in our live polls.



# Cisco Licensing Resources



## Self-Serve

- [Video.cisco.com](https://video.cisco.com)



## Webinars

- CLC/Smart account Administration webinars Register [here](#)
- Cisco License On-Prem webinar Register [here](#)
- Licensing Connect webinar Register [here](#)



## 1:1 Training

- **Both internal and Externals:** [Ask Licensing](#) > Type “I need training on <portal name>” > Click Get Support > Create a case > Fill the form and submit the case



## Support case

- Open a case [here](#)

Thank you

