

The background features a vibrant, abstract design with a color gradient from dark blue on the left to bright yellow and white on the right. The design consists of overlapping, wavy horizontal bands and a radial pattern of lines emanating from a bright white point on the right side, creating a sense of motion and energy.

CISCO *Live!*

Let's go



The bridge to possible

Everything that you need to be aware of licensing for Cisco Catalyst Center

Shai Silberman, Engineering Product Manager

Gayathri Devi Viswanathan Nagendran, Technical Marketing Engineer

Agenda

- Introduction
- Catalyst Center Appliance
- Device Licensing
- Catalyst Center Licensing
- Essentials vs Advantage
- MIB-II Device support
- Catalyst Center License Manager

About Shai..

20+ years of industry experience

- Catalyst Center Product Manager
- Previously, I was a customer
- EX-Cisco Champion
- MBA+MSSE
- Lecturer @SJSU

Two truths and a lie

- Was a DJ
- I am a twin
- Coached football (not the American one)



Gayathri Devi

17+ years of NMS

Service Provider & Enterprise
Networking

Engineering, Program Mgmt, Product
Mgmt

Baker, Art Enthusiast

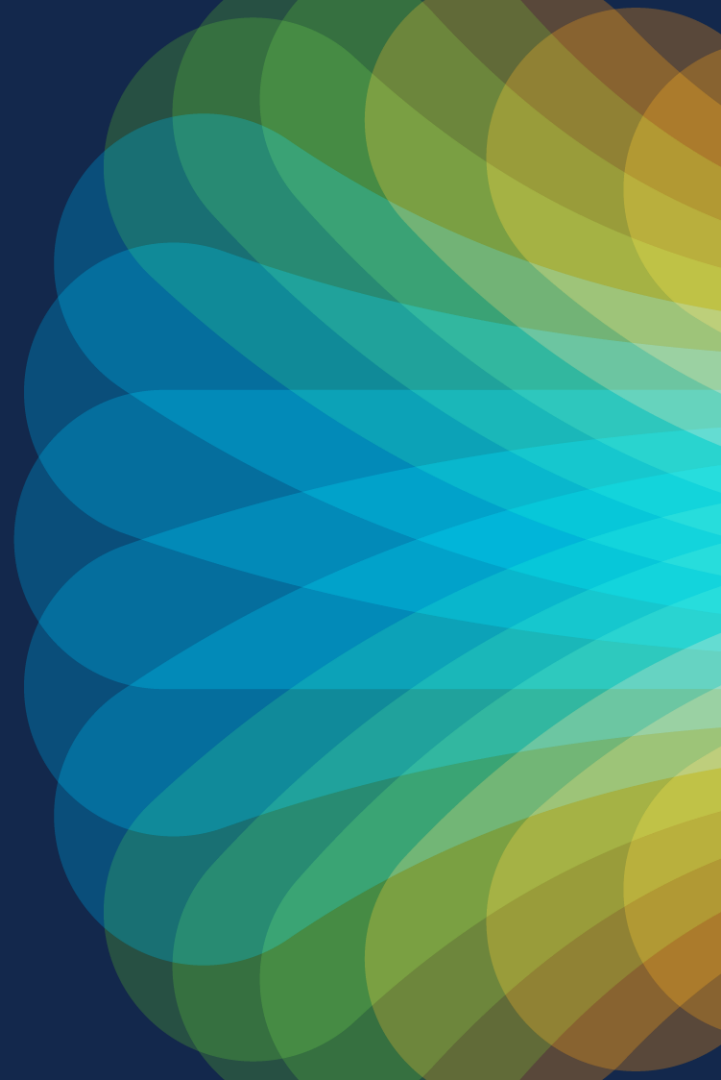




Show of Hands

How many of you have deployed
Catalyst Center?

Introduction



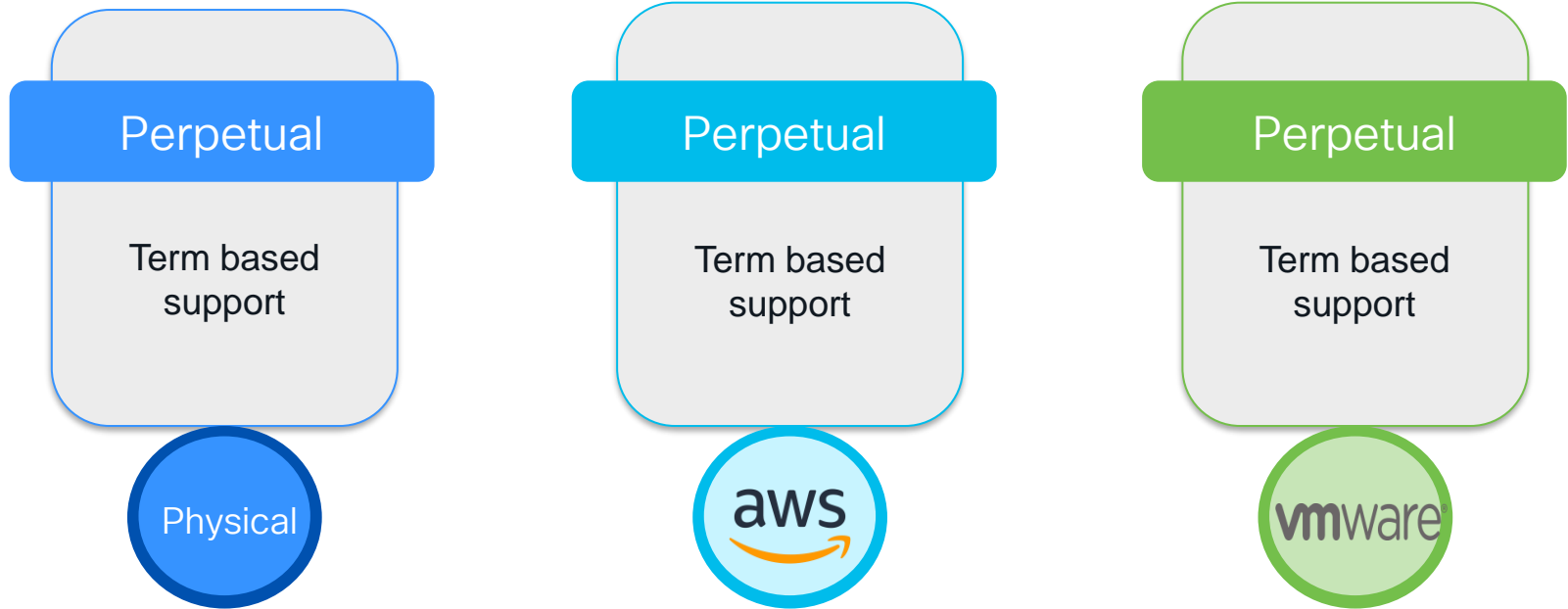
Catalyst Center – Flexible Deployment models



On-prem
Physical Appliance



All about Appliance Licensing



What does it take to host the VA?

Catalyst Center VA - \$0

AWS Cost (BYOL)

TAC/CX - \$6000/VA/Year
(Recommended)

AWS Native HA
(No node clustering)



Catalyst Center VA - \$0

VMware License (BYOL)

TAC/CX - \$6000/VA/Year
(Recommended)

VMware Native HA
(No node clustering)



Recommendations for VA

- Virtual appliance registration with Smart Account
- [Purchase](#) \$0 PID VA - licenses attached
- TAC/CX support for VA – optional yet recommended

Device Licensing



How does device licensing work?



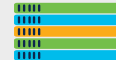
Network Stack

Perpetual Essentials/ Advantage
IOS and IOS-XE
Software license for network gear



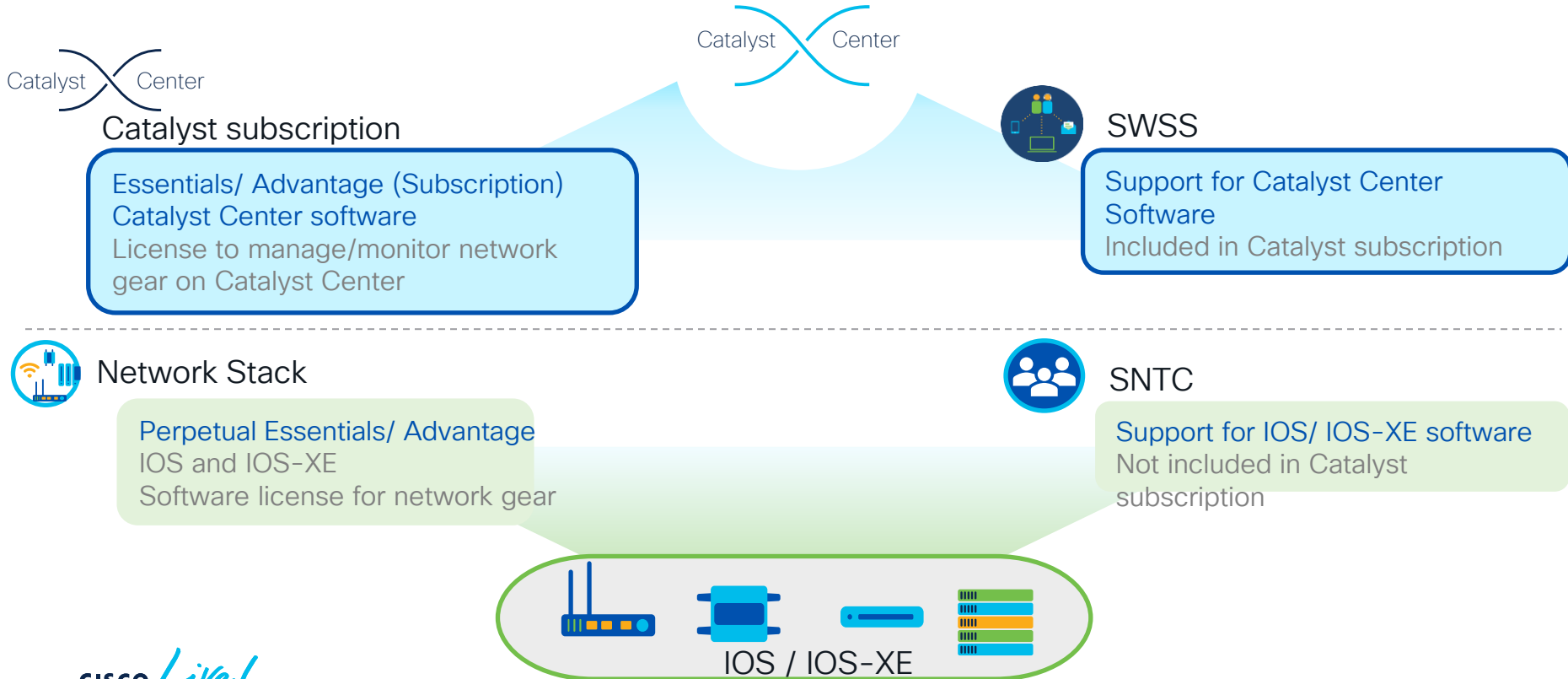
SNTC

Support for IOS/ IOS-XE software
Not included in Catalyst
subscription

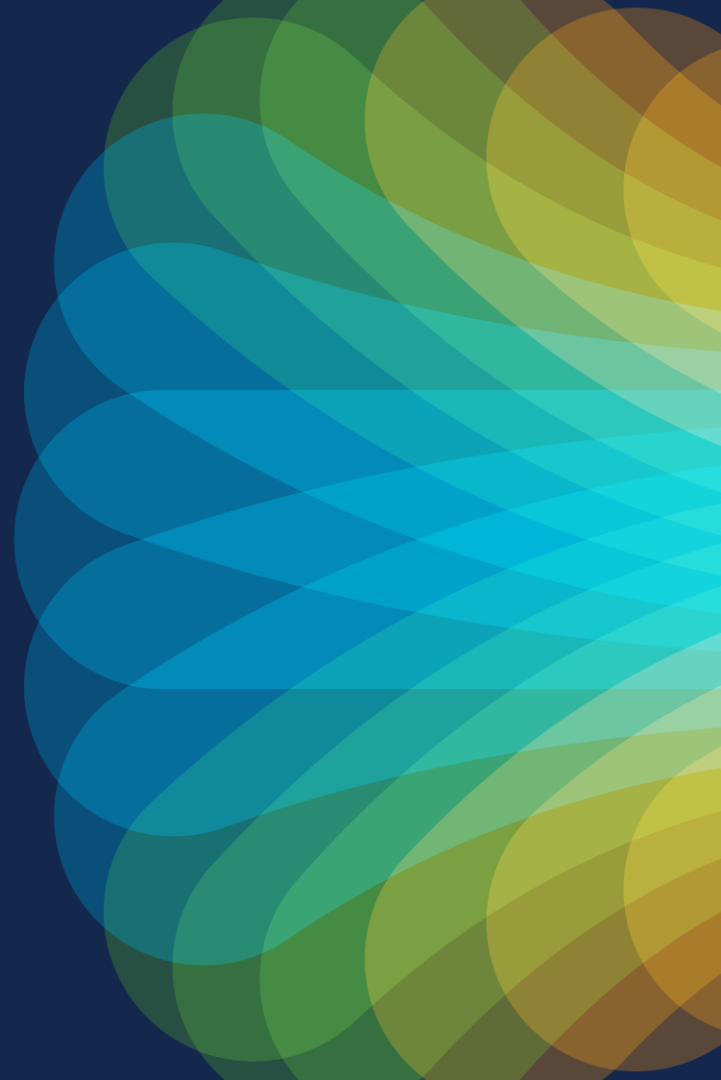


IOS / IOS-XE

Do I need a Catalyst subscription?



Catalyst Center Licensing



Let's understand Catalyst Center device support

Device Support

- ✓ Ability to add devices to Catalyst Center
- ✓ Provides visibility & management in Catalyst Center
- ✓ Different from HW support (SNTC)
- ! Does **not** alter/ extend device **EoX** timeline
- ! Does **not** offer technical support for HW

On to device classification

Supported Devices

- Visibility & management using Catalyst Center
- All current Cisco Catalyst families
- Some **legacy** Cisco device families

Legacy Devices

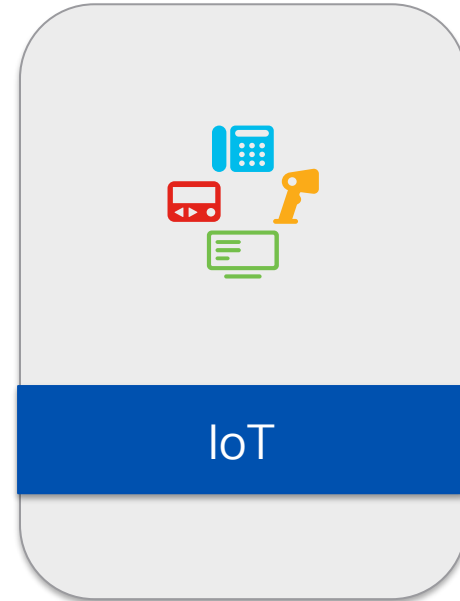
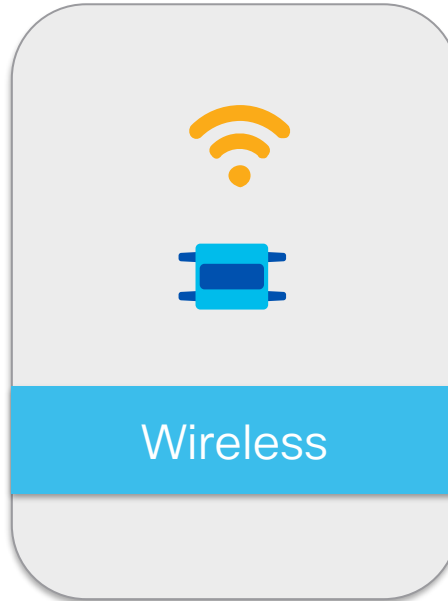
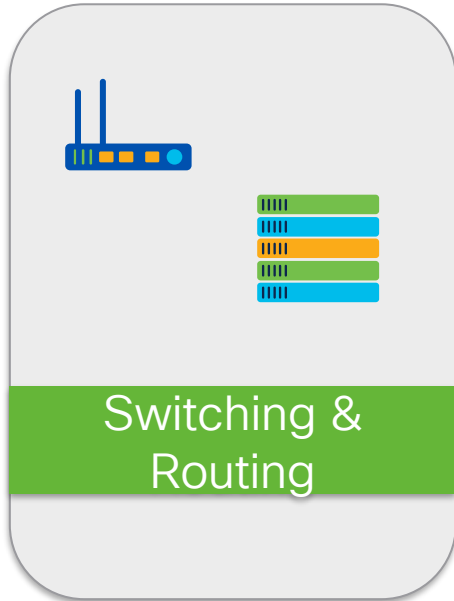
- Cisco devices which are end of sale but are not **LDoS**
- Not all “**Legacy**” devices have Catalyst license available
- Device **support** status varies as they reach **LDoS** milestone

Device Classification – Generic Device

Generic Device

- Devices which **do not** require a Catalyst license to connect to Catalyst Center
- Support available in Catalyst Center 2.3.7 onwards
- MUST support MIB-II /SNMP to be discovered & added to Catalyst Center
- Only limited visibility provided

Catalyst Licensing Demystified



How does it work for Switches & Routers?

Devices	DNA License Availability	DNA License Requirement	Functionality
C9000/C8000	Mandatory DNA License	Required	Essentials/ Advantage
Pre-C9000	Optional DNA License	Required	Essentials/ Advantage*
Pre-C9000	No DNA License	Not required for supported devices	Generic support
	No DNA License	Unsupported devices	No support
3 rd Party	No DNA License	Not required	Generic support

* – Advantage functionality varies based on device capability

What about wireless?

Devices	DNA License Availability	DNA License Requirement	Functionality
C9000/C8000	Mandatory DNA License	Required	Essentials/ Advantage
Pre-C9000	Optional DNA License	Required	Essentials/ Advantage
EoL/LDoS	No DNA License	Not required	No support
3 rd Party	No DNA License	Not required	Generic support

Cisco reserves the right to change functionality within Essential/Advantage/Generic Device

And IoT?

Devices

DNA License
Availability

DNA License
Requirement

Functionality

IW

Mandatory DNA
License

Required

Essentials/ Advantage

IR

Optional DNA License

Required

Essentials/ Advantage

IE

Optional DNA License

Required

Essentials/ Advantage

Rockwell Stratix

Optional DNA License

Required

Essentials/ Advantage

IE1000, CGR2000,
IR809, IR829, C819H
Fluidmesh devices, S5700

No DNA License

Unsupported devices

No support

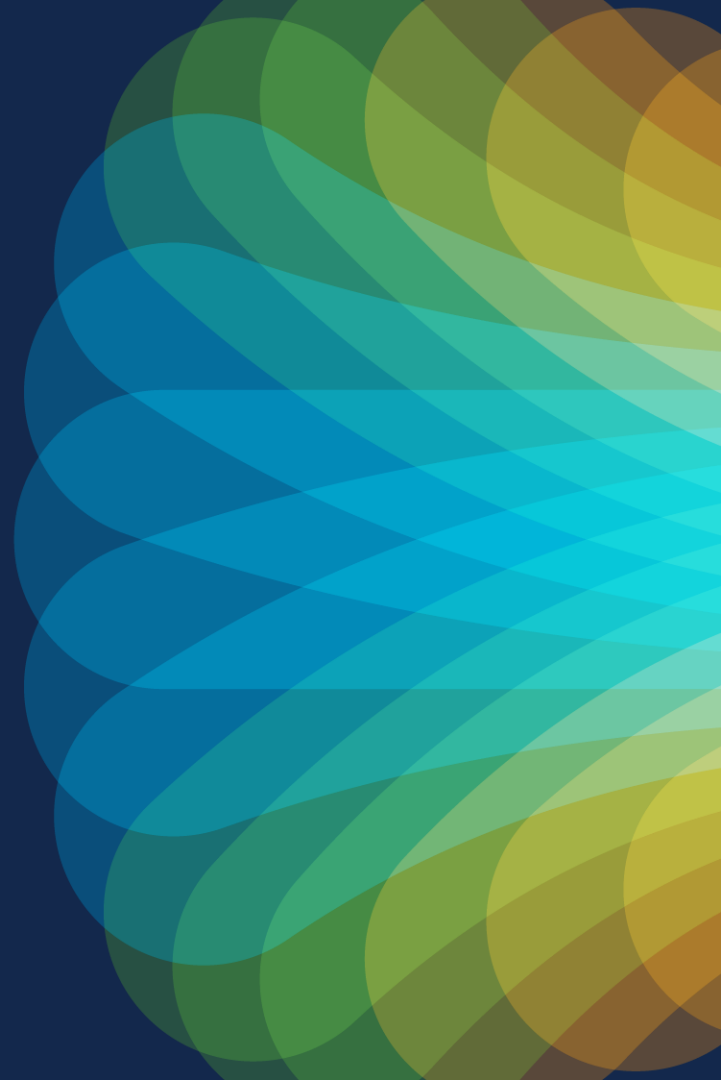
3rd Party

No DNA License

Not required

Generic support

Essentials vs Advantage





Show of Hands

How many of you are familiar with Essentials & Advantage?

NetOps – Essentials or Advantage?

Design & Onboarding

Network Discovery
Inventory
Topology
Network design
Network profiles
Plug and Play

E

LAN Automation
Wireless 3D Analyzer
NetFlow telemetry
Stealthwatch
Cisco Spaces
Auth Templates
SP Profiles

A

Workflows

Configure Access Point
Configure RLAN
Configure Rogue rules
Port channel config
Learn Device Config

E

App Visibility
App hosting
Stealthwatch Security
Analytics
Umbrella integration

A



NetOps

Config Automation

Template Hub
Provisioning
Model Config Editor
Config Drift

E

SD- Access
Automation
Compliance
App Telemetry
App QoS
AI Endpoint Analytics
Group Based Access
Control

A

Lifecycle Mgmt

SWIM
RMA
AP Refresh
Security Advisory
Network Bug Identifier

E

Patching /SMU
ISSU
AP Service Pack/
Device Pack
AP Rolling upgrade
Advanced Security
Advisory

A

AI Ops – Essentials or Advantage?

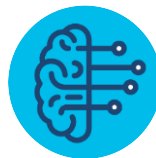
Visibility

Health Dashboards*
Out of box Reports
Issues & Events
dashboard
Issue Settings
Health Score Settings

E

360° views
Time travel
Issues, Events &
Remediation
User defined Issues
App Visibility &
Experience
Intel connectivity,
Apple, Samsung
Analytics

A



AI Ops

Insights

Trends & Insights
Site Analytics
Network Services
Dashboard
Network heatmap
Baselines, Network
Comparison
AI Enhanced RRM

E

A

Troubleshooting

Intelligent Capture
Spectrum Analysis
Thousand Eyes
Cisco Spaces
Webex /MS Teams 360
Path/ True Trace
Network Reasoner

E

A

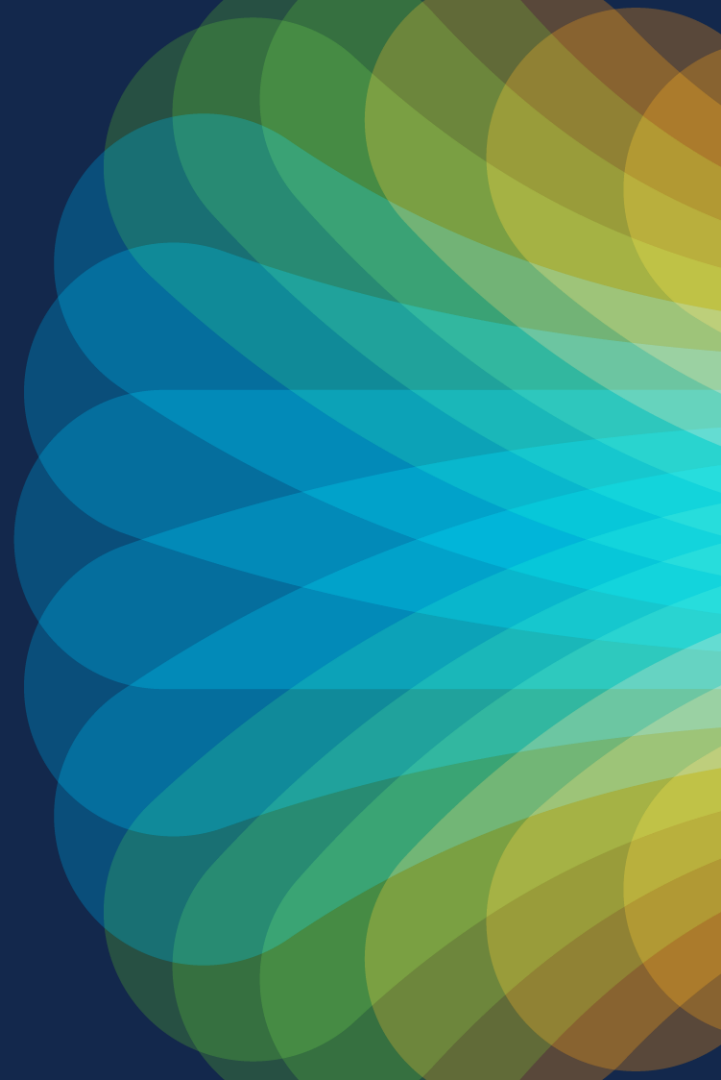
* - some dashlets are only
available with Advantage



Show of Hands

Is this just for Cisco gear?

MIB-II device support



What can Catalyst Center do with my 3rd party hardware?



Basic Discovery, Inventory, Topology



Vendor identity – “Fortinet”, “Palo Alto” etc



Device Uptime



Device L3 reachability



Interface up/down status*

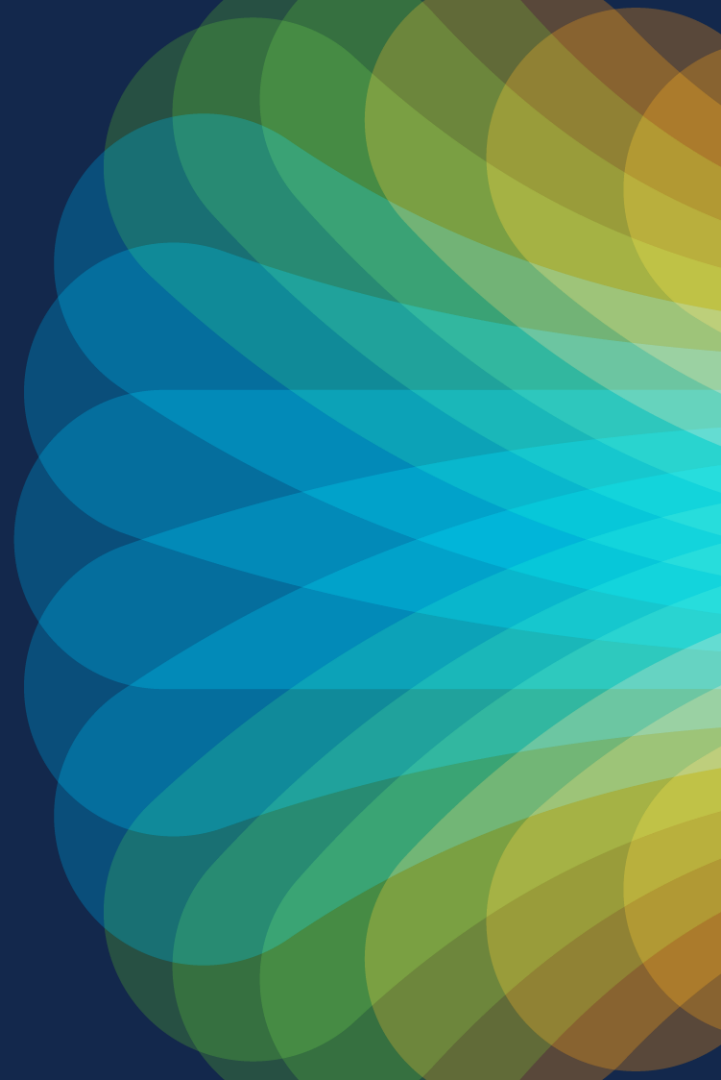
* – subject to device capabilities



Show of Hands

How are you managing your licenses today?

Catalyst Center License Manager



Pre-req Check - 1

Access privilege

- SUPER-ADMIN-ROLE permissions and appropriate RBAC in Catalyst Center

Credentials

- Cisco user ID and password for your Smart Account

Reachability

- Catalyst Center reachability to tools.cisco.com to register with Smart Account

Pre-req Check - 2

Manage Device

- Manage devices
- Assign to site
- Tools.cisco.com reachable

Min. required Software Version for Smart License

- Switches - 16.9.1 or later
- Switches - 17.3.2 or later (SLuP)
- Routers - IOS 16.10 or later

Security

- Required ports, FQDN, URL to be permitted

Configure Smart Account

The screenshot shows the Cisco Catalyst Center interface for configuring a Smart Account. The left sidebar contains a search bar and a navigation menu with categories like Certificates, Cisco Accounts, Smart Account, Smart Licensing, SSM Connection Mode, Device Settings, and SNMP. The main content area is titled 'Smart Account' and includes a warning message about license compliance. Below this, it shows the selected Smart Account User (dnac.licensing@gmail.com) and the selected Smart Account Name (BU Production Test). There is a checkbox for 'Auto register smart license enabled devices' which is currently unchecked. A link 'View all virtual accounts' is also present. At the bottom, there is a table titled 'Smart Account Credentials (1)' with columns for Username, Password, and Actions. The table contains one record with the username 'dnac.licensing@gmail.com' and a masked password '*****'. The interface also includes a top navigation bar with 'System / Settings' and a user profile 'admin'.

Search

Certificates

- Trusted Certificates
- System Certificates
- Certificate Authority
- Device Certificates

Cisco Accounts

- PnP Connect
- Cisco.com Credentials

Smart Account

- Smart Licensing
- SSM Connection Mode

Device Settings

- PnP AP Location
- Image Distribution Servers
- Device Controllability
- Network Resync Interval
- SNMP

System / Settings

Settings / Cisco Accounts

Smart Account

Some of your license compliance requirements have not been met. [Learn more.](#)

Cisco Smart Account credentials are used for connecting to your Smart Licensing account. The License Manager tool will use the details and licenses information from this Smart Account for entitlement and license management.

Selected Smart Account User: **dnac.licensing@gmail.com**

Selected Smart Account Name: **BU Production Test** [Change](#)

☐ Auto register smart license enabled devices

[View all virtual accounts](#)

Smart Account Credentials (1)

[Add](#) [Delete historical information](#)

As of: Jan 31, 2024 9:48 AM [Refresh](#)

Username	Password	Actions
dnac.licensing@gmail.com	*****	Edit Delete

1 Record(s)

Show Records: 25 1 - 1

Only one Smart account can be configured at a time

Register Smart Account

The screenshot shows the Cisco Catalyst Center interface. The left sidebar contains a search bar and a navigation menu with categories like Certificates, Cisco Accounts, Smart Licensing, Device Settings, and External Services. The main content area is titled 'Smart Licensing' and includes a description of the solution, a warning box about the Virtual Account drop-down list, and a table of system settings. At the bottom, there is a 'Register' button.

Smart Licensing

Smart Licensing is a cloud-based, software license management solution that allows you to manage and track the status of your license and software usage.

On Registering this Catalyst Center Product Instance, it will be able to communicate with Cisco Smart Software Manager.

Cisco Smart Software Manager offers an integrated view of the licenses you have purchased and what has been deployed in your network.

Warning: If the Virtual Account drop-down list is empty, wait for some time and try again. If the problem persists, go to the Overview tab, click Refresh, and ensure that Cisco SSM is reachable via proxy.

Smart Account

BU Production Test [Hint](#)

Search Virtual Account*

dnac-smartlic

Product Instance Name	Catalyst Center
Registration Status	Unregistered ⓘ
License Authorization Status	Evaluation mode (69 days remaining) ⓘ
Export-Controlled Functionality	Not Allowed ⓘ
Transport Settings	Direct ⓘ

[View Available Licenses](#)

Register ⓘ

CSSM Connection Mode

The screenshot shows the Cisco Catalyst Center interface. The top navigation bar includes the Cisco logo, the text 'Catalyst Center', and 'System / Settings'. A left-hand sidebar contains a search bar and a list of menu items: Certificates (with a dropdown arrow), Cisco Accounts (with a dropdown arrow), and Device Settings (with a dropdown arrow). Under Certificates are Trusted Certificates, System Certificates, Certificate Authority, and Device Certificates. Under Cisco Accounts are PnP Connect, Cisco.com Credentials, Smart Account, and Smart Licensing. Under Device Settings are PnP AP Location and Image Distribution Servers. The main content area is titled 'Settings / Cisco Accounts' and 'SSM Connection Mode'. It contains two paragraphs of text: one for 'Direct connection mode' and one for 'On-Prem Cisco Smart Software Manager (formerly known as Cisco Smart Software Manager satellite) connection mode'. Below the text are three radio buttons: 'Direct' (selected), 'On-Prem CSSM', and 'Smart proxy'. There is a text field for 'Smart Call Home Server URL' with a blue link 'https://tools.cisco.com/its/service/oddce/services/DDCEService'. At the bottom is a 'Save' button.

System / Settings

Search

Certificates ▾

- Trusted Certificates
- System Certificates
- Certificate Authority
- Device Certificates

Cisco Accounts ▾

- PnP Connect
- Cisco.com Credentials
- Smart Account
- Smart Licensing

SSM Connection Mode

Device Settings ▾

- PnP AP Location
- Image Distribution Servers

Settings / Cisco Accounts

SSM Connection Mode

Direct connection mode requires all smart-enabled devices in your network to have direct internet access to the Cisco SSM cloud.

On-Prem Cisco Smart Software Manager (formerly known as Cisco Smart Software Manager satellite) connection mode offers near real-time visibility and reporting of the Cisco licenses you purchase and consume. If your organization is security-sensitive, you can access a subset of Cisco SSM functionality without using a direct internet connection to manage your licenses with the Cisco SSM cloud.

With smart proxy connection mode, smart-enabled devices in your network don't need direct internet access; only the product instance requires direct internet access to the Cisco SSM cloud. This option is not applicable for registering Catalyst Center.

☒ Direct ☐ On-Prem CSSM ☐ Smart proxy

Smart Call Home Server URL

<https://tools.cisco.com/its/service/oddce/services/DDCEService>

Save

Prep Check – Catalyst Center License Manager



01

Configure

Configure **Smart Account** to connect with Catalyst Center



02

Register

Register chosen Smart Account with **CSSM**



03

Connect

Choose appropriate **connection mode** for Catalyst Center to connect with CSSM



04

Enable

Enable auto registration of **smart licensing** enabled devices

Catalyst Center License Manager

View Catalyst Licenses

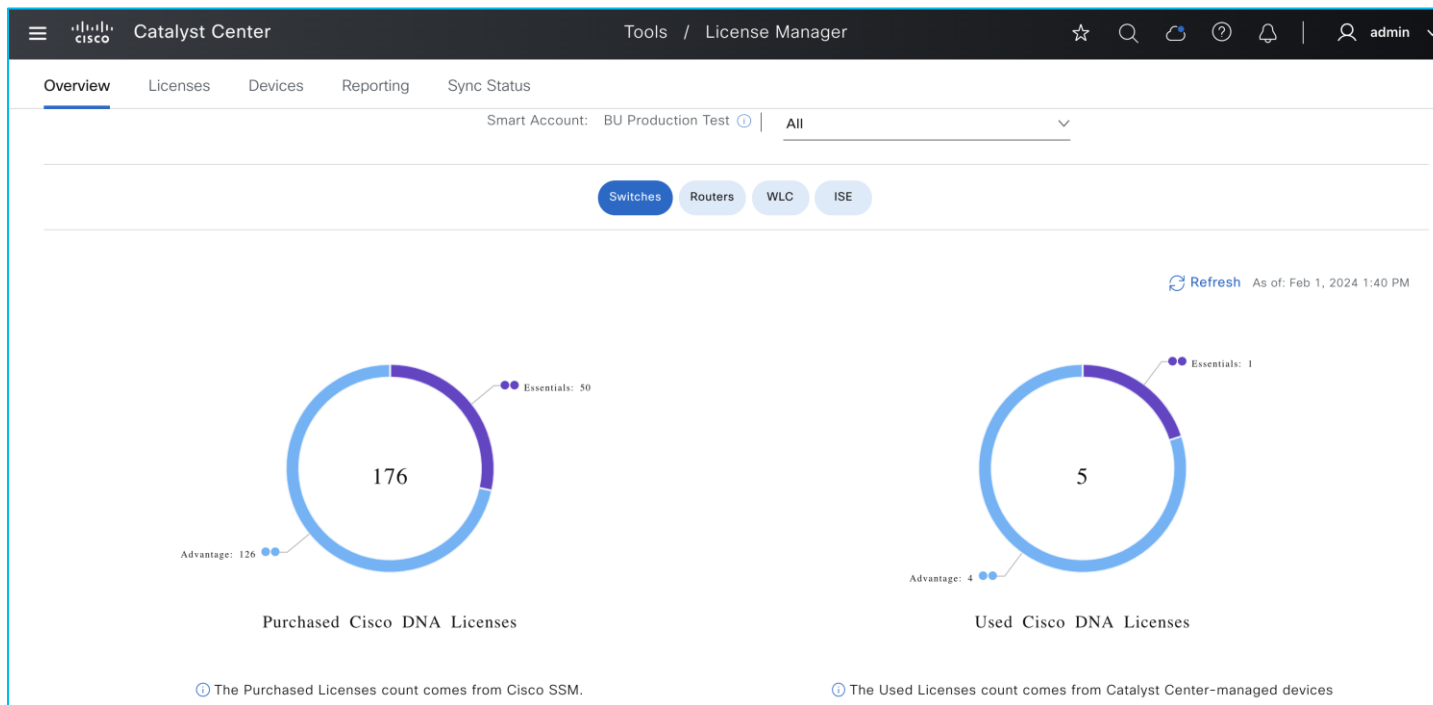
- Purchased and Used license count
- License Timeline and Expiration
- Device license details & License history

Manage Catalyst Licenses

- Register Smart license
- Change license level
- Change Virtual Account Mapping
- License Reservation

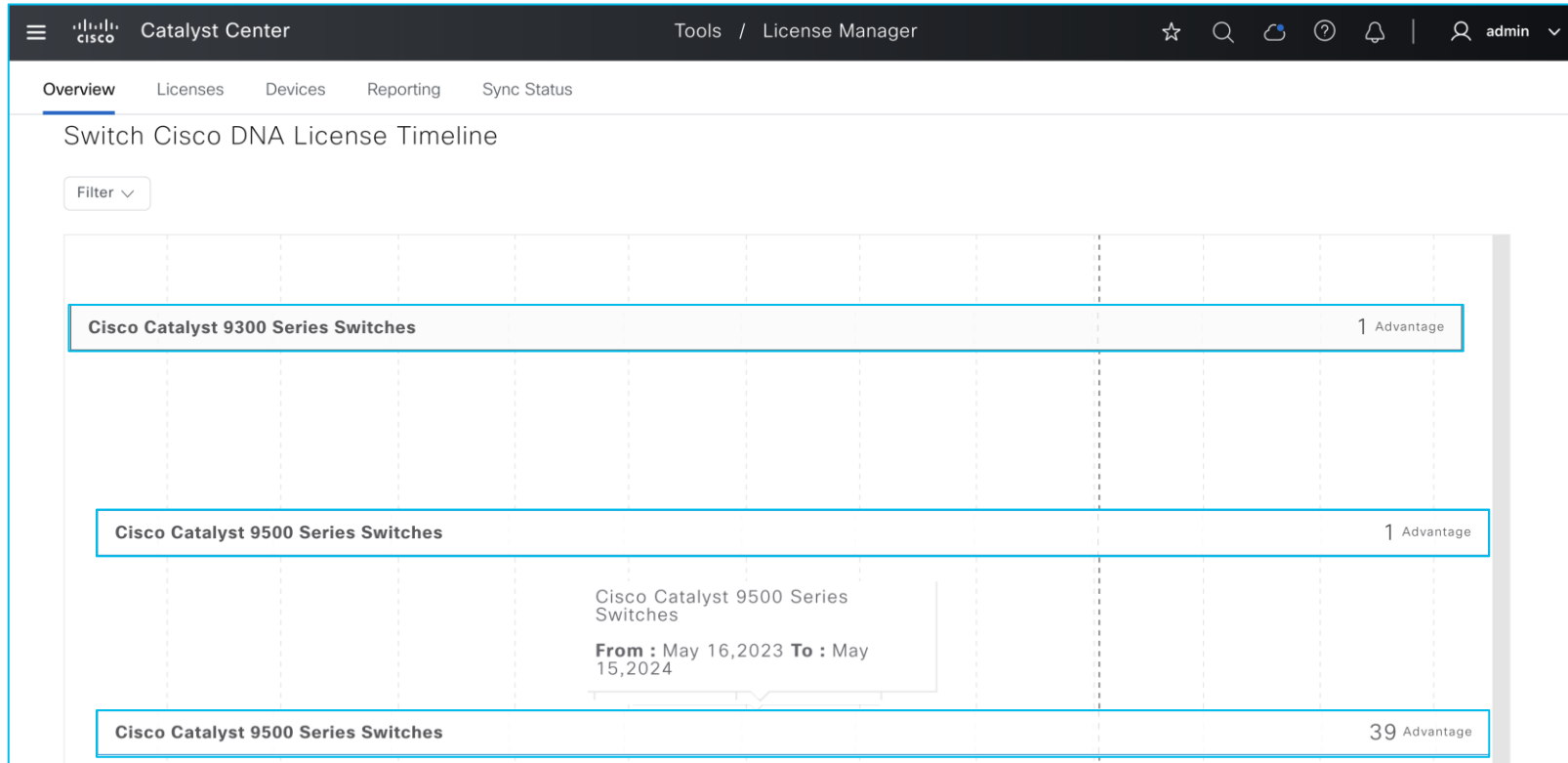
View Catalyst Center Licenses

License Manager Dashboard – Overview



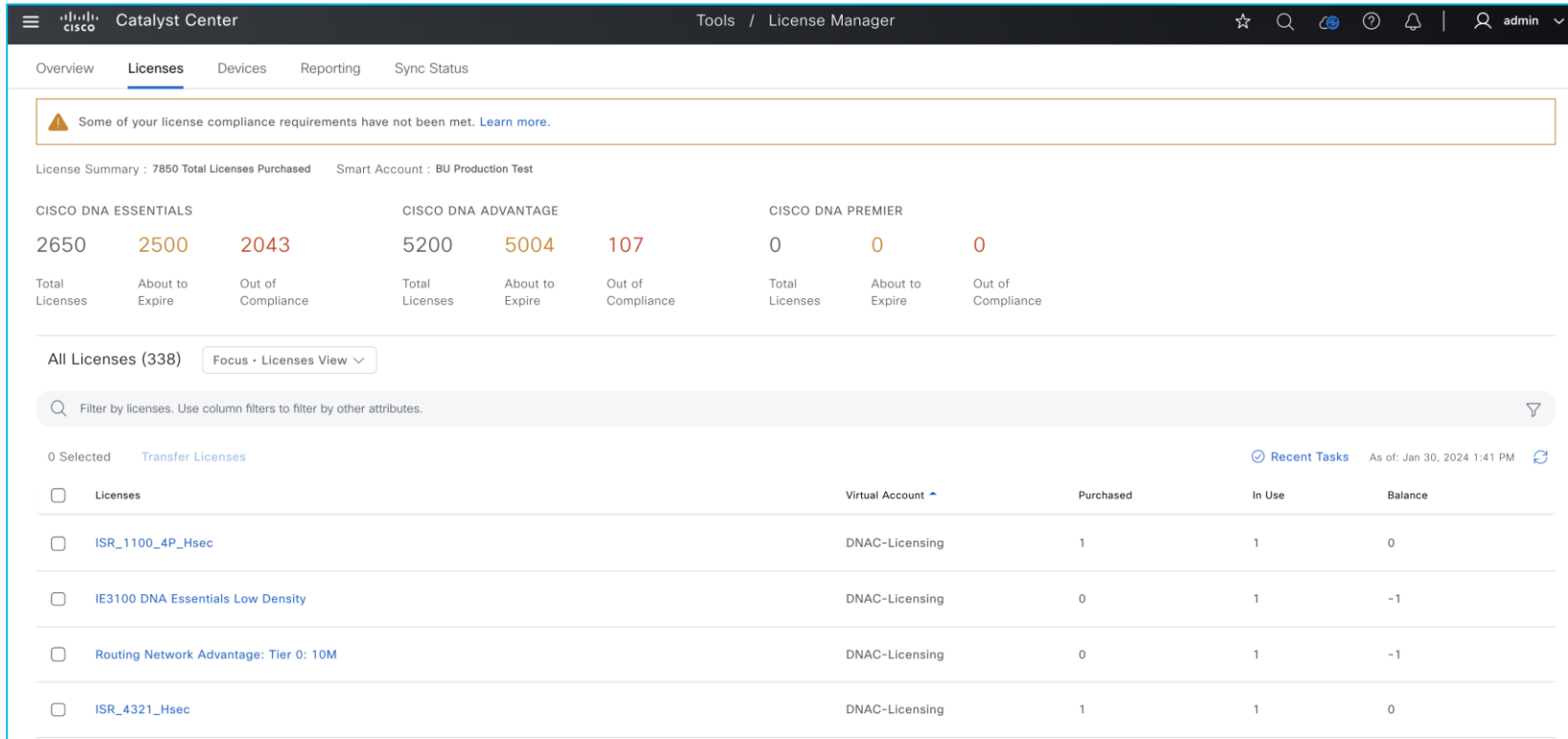
- Aggregate purchased and used Catalyst licenses from Smart Account
- License info for Switches, Routers, Controllers and ISE by virtual account
- Purchase and usage count by device family

License Manager Dashboard – Timeline View



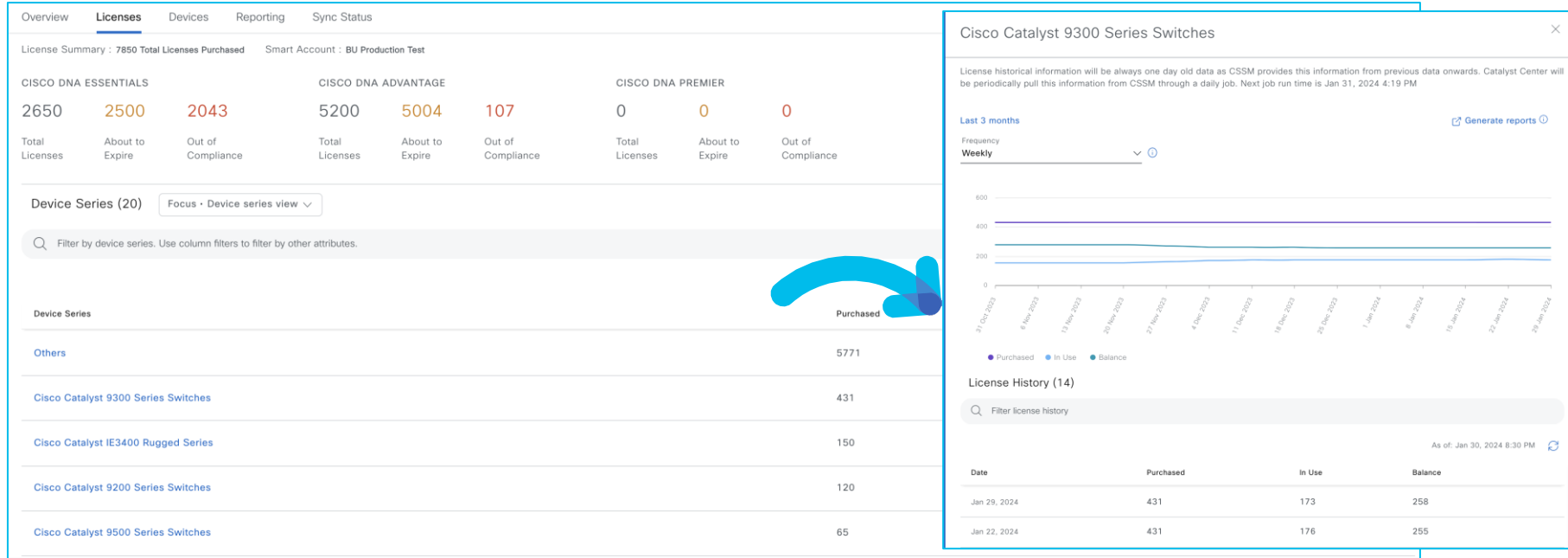
- License count and validity by device family

License Manager Dashboard



- Aggregate count of Catalyst license types with expiration and compliance info
- License Timeline by device type

Historical License Info – Device View



- License historical info* – Daily, weekly, monthly frequency
- Timeline graph – Purchased, In Use, Balance Info

*License historical information is one day old

Manage Catalyst Center Licenses

Register Smart License

- Select device to register
- Auto-register smart enabled devices

The screenshot displays the Cisco Smart License Management Center (SLM) interface. The top navigation bar includes 'Overview', 'Licenses', 'Devices' (selected), 'Reporting', and 'Sync Status'. On the left, a search hierarchy shows 'Global' with sub-items 'LW-SITE_1.1', 'SITE_3.1', and 'Topology_Site'. The main area is titled 'Devices (12)' and includes filters for 'DNA License Level' (All) and 'License Mode' (SL). A search bar prompts to 'Filter by Device Name'. Below this, a table lists 12 devices. The 'Switch' device is selected, and a context menu is open, showing options: 'Change License', 'Change Virtual Account', 'Manage Smart License' (highlighted), 'Manage License Reservation', and 'Deposit Traditional Licenses'. The 'Manage Smart License' sub-menu is also open, showing 'Register' and 'Deregister' options.

Device Series	Cisco DNA License	License Mode	Network License	Virtual Account
Cisco Cloud Services Router 1000V Series	NA	SL	NA	NA
Cisco Cloud Services Router 1000V Series	NA	SL	NA	NA
10 Series Switches	Advantage	SL	Advantage	Prime Infrastructure - Bangalore Lab
10 Series Switches	Advantage	SL	Advantage	Prime Infrastructure - Bangalore Lab
10 Series Wireless Controllers	Advantage	SL	Advantage	NA
Cisco Catalyst 9300 Series Switches	Advantage	SL	Advantage	NA
Cisco Catalyst 9800 Wireless Controllers for Cloud	Advantage	SL	Advantage	NA
Cisco Catalyst 9500 Series Switches	Advantage	SL	Advantage	NA
Cisco Catalyst 9800 Wireless Controllers for Cloud	Advantage	SL	Advantage	NA
Cisco Catalyst 9300 Series Switches	Advantage	SL	Advantage	NA
Switch	Essentials	SL	Essentials	DNAC-Licensing

Register Smart License

Register Smart License

SMART ACCOUNT

Name

PnP Test Account - KB

Domain

pnp.test.com

Q Search Table

Name	Cisco DNA License Count	Description
<input type="radio"/> Catalyst 9K POD 9	30	
<input type="radio"/> CVD	1620	CVD
<input type="radio"/> EFT FIELD SEVT	955	EFT FIELD SEVT DEMO
<input checked="" type="radio"/> Enterprise Marketing	100	Enterprise Marketing

Showing 13 of 13

Cancel

Continue



Register Smart License

Registering 1 device(s) to **Enterprise Marketing**

☒ Now ☐ Later

Task Name*

License mode update

Back

Confirm

Change Catalyst License Level

- Select device to change license level
- Upgrade or downgrade Catalyst subscription licenses

The screenshot displays the Cisco Catalyst license management interface. The 'Devices' tab is active, showing a list of devices. A context menu is open for the selected device, with the 'Change License' option highlighted. The menu options are:

- Change License >
- Change Virtual Account
- Manage Smart License >
- Manage License Reservation >
- Deposit Traditional Licenses

The 'Change License' option is further expanded, showing two sub-options:

- Change Cisco DNA License
- Change Performance License

The background interface includes a search bar, a left sidebar with a hierarchy tree (Global > LW-SITE_1.1 > SITE_3.1 > Topology_Site), and a table of devices. The table has columns for DNA License, License Mode, Network License, Virtual Account, Smart Account, and Registration Status. The first device is 'S' (selected) with a DNA License of 'Essentials', License Mode of 'SL', Network License of 'Essentials', Virtual Account of 'DNAC-Licensing', Smart Account of 'BU Production Test', and Registration Status of 'Registered'.

Change Catalyst License Level

- Select desired subscription license
- On-demand or scheduled
- Optional **reboot** on update for changes to be in effect

Change Cisco DNA License Level

✓ Device Family

✓ License Level

✓ Confirm

Change Cisco DNA License Level to:

☐ Remove

☒ Essentials

☐ Advantage

Back

Continue

Change Cisco DNA License Level

✓ Device Family

✓ License Level

3 Confirm

Cisco DNA License for 1 device(s) will be activated to Essentials.

Note: Network license may be downgraded to Essentials for applicable devices.
License change will take effect only after the device rebooted. Some devices like CAT3560-CX, AireOS controllers will not reboot even after selecting this checkbox.

☐ Reboot device on update

☒ Now

☐ Later

Task Name*

License update

Back

Confirm

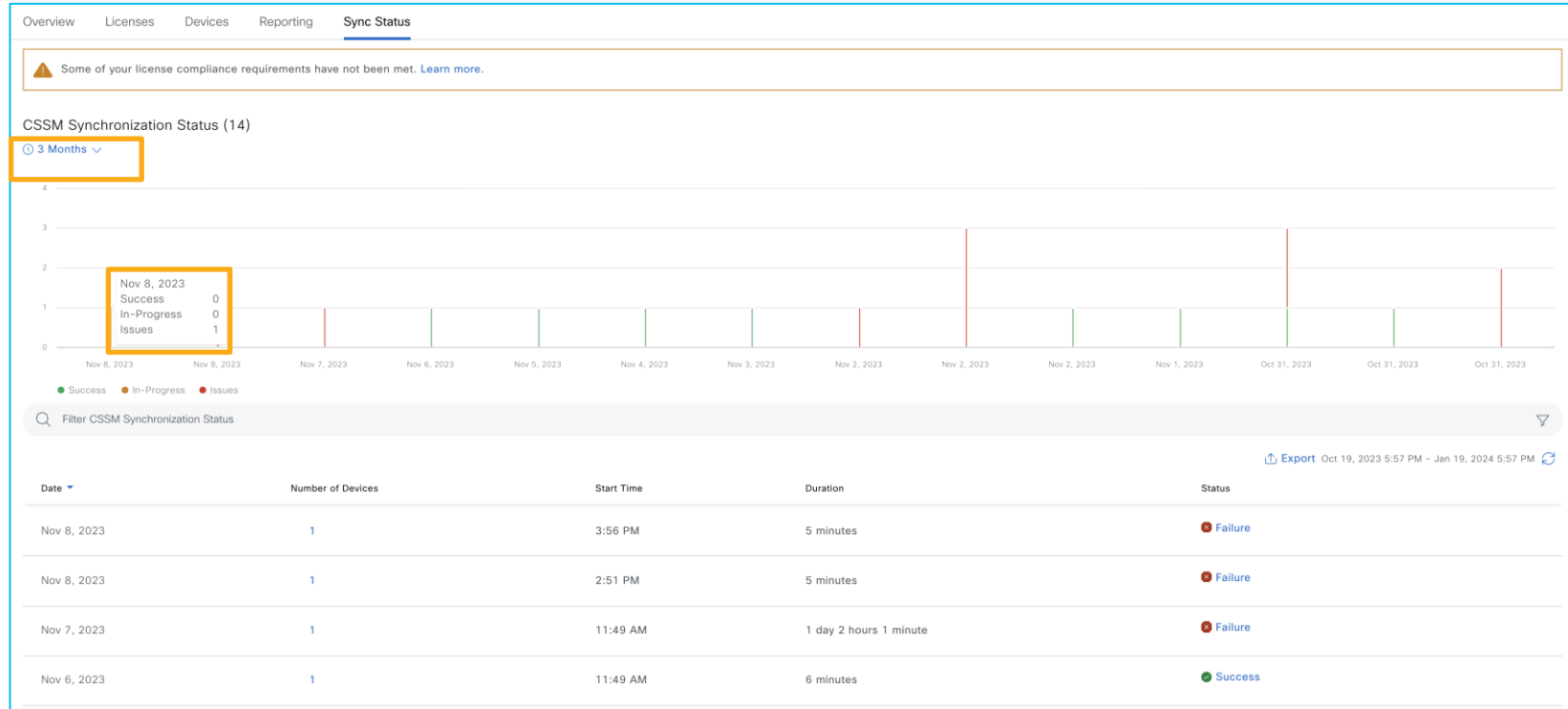
CISCO *Live!*

BRKOPS-2375

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49

CSSM Sync Status

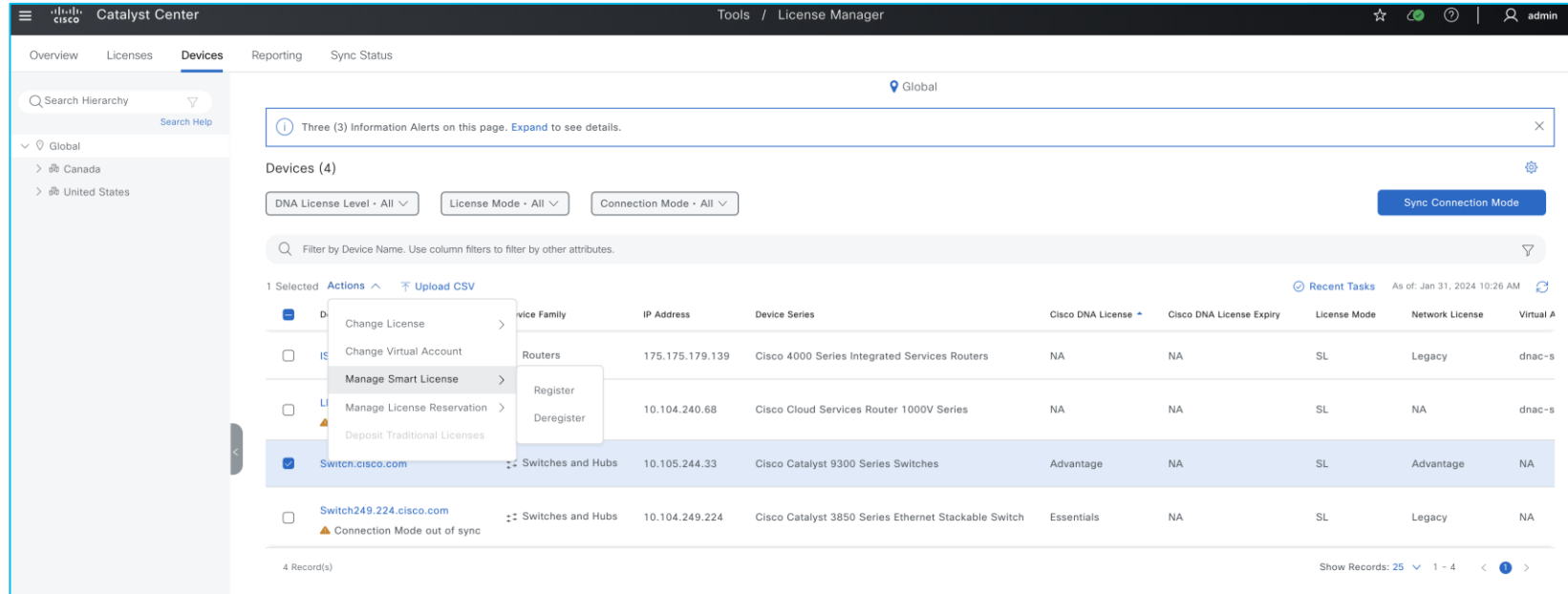


CSSM Sync Status

Overview	Licenses	Devices	Reporting	Sync Status		
Devices part of compliance sync run on November 2, 2023 2:00 PM IST (3)						✕
🔍 Filter by Device Name. Use column filters to filter by other attributes.						🔍
						Export As of: Jan 19, 2024 6:00 PM ↺
Device Name	IP Address	Device Type	Virtual Account	Status ▴	Description	
CAT9300-Stack.haribo.dom	8.18.19.13	Switches and Hubs	11_MCE_BAT_VA1	❌ Failure	Unable to get the response from the device, check the connectivity of the device	
C9300_24_R17_28.cisco.com	8.18.18.21	Switches and Hubs	11_MCE_BAT_VA1	❌ Failure	Unable to get the response from the device, check the connectivity of the device	
eWLC-PNP.cisco.com	10.197.104.133	Wireless Controller	11_MCE_BAT_VA1	❌ Failure	Failure in fetching usage reports. Please try re-assigning it to site and retry the operation. Please check the logs for more information	

Smart License Deregister

- Device deregistered from Smart Account



The screenshot shows the Cisco Catalyst Center License Manager interface. The 'Devices' tab is active, displaying a list of devices. A context menu is open for the selected device 'Switch249.224.cisco.com', showing options like 'Change License', 'Change Virtual Account', 'Manage Smart License', 'Manage License Reservation', and 'Deposit Traditional Licenses'. The 'Deregister' option is highlighted under 'Manage Smart License'.

Device Family	IP Address	Device Series	Cisco DNA License	Cisco DNA License Expiry	License Mode	Network License	Virtual A
Routers	175.175.179.139	Cisco 4000 Series Integrated Services Routers	NA	NA	SL	Legacy	dnac-s
Switches and Hubs	10.104.240.68	Cisco Cloud Services Router 1000V Series	NA	NA	SL	NA	dnac-s
Switches and Hubs	10.105.244.33	Cisco Catalyst 9300 Series Switches	Advantage	NA	SL	Advantage	NA
Switches and Hubs	10.104.249.224	Cisco Catalyst 3850 Series Ethernet Stackable Switch	Essentials	NA	SL	Legacy	NA

4 Record(s)

Smart license Deregister

The screenshot displays the Cisco Catalyst Center License Manager interface. The top navigation bar includes 'Overview', 'Licenses', 'Devices', 'Reporting', and 'Sync Status'. The 'Devices' tab is active, showing a list of devices. A modal dialog titled 'Deregister Smart License' is open in the center. The dialog contains the text '1 device(s) will be deregistered from smart licensing.' and two radio buttons: 'Now' (selected) and 'Later'. Below these is a 'Task Name*' field with the text 'Deregister Smart License'. At the bottom of the dialog are 'Cancel' and 'Confirm' buttons. In the background, the 'Devices' list shows four devices, with 'Switch.cisco.com' selected. A table on the right side of the interface shows license details for various devices, including 'Cisco DNA License Expiry', 'License Mode', 'Network License', and 'Virtual A'.

Device	Cisco DNA License Expiry	License Mode	Network License	Virtual A
NA	SL	Legacy	dnac-s	
NA	SL	NA	dnac-s	
NA	SL	Advantage	NA	
NA	SL	Legacy	NA	

Smart License Deregister

The screenshot shows the Cisco Catalyst Center interface, specifically the License Manager section. The 'Devices' tab is active, displaying a list of 4 devices. The interface includes a search bar, filters for DNA License Level, License Mode, and Connection Mode, and a 'Sync Connection Mode' button. The table lists device series, DNA license details, and registration status.

Three (3) Information Alerts on this page. [Expand](#) to see details.

Devices (4)

DNA License Level - All License Mode - All Connection Mode - All [Sync Connection Mode](#)

Filter by Device Name. Use column filters to filter by other attributes.

0 Selected [Actions](#) [Upload CSV](#) [Recent Tasks](#) As of: Jan 31, 2024 10:27 AM

Device Series	Cisco DNA License	Cisco DNA License Expiry	License Mode	Network License	Virtual Account	Smart Account	Site	Registration Status
Cisco 4000 Series Integrated Services Routers	NA	NA	SL	Legacy	dnac-smartlic	BU Production Test	.../Airdrie/Airdrie Twin Arena	NA
Cisco Cloud Services Router 1000V Series	NA	NA	SL	NA	dnac-smartlic	BU Production Test	Unassigned	Unregistered
Cisco Catalyst 9300 Series Switches	Advantage	NA	SL	Advantage	NA	NA	.../Airdrie/Airdrie Twin Arena	Registered
Cisco Catalyst 3850 Series Ethernet Stackable Switch	Essentials	NA	SL	Legacy	NA	NA	Unassigned	Unregistered

4 Record(s) Show Records: 25 1 - 4

Catalyst Center Demo

Welcome to Catalyst Center!

 Explore

Some of your license compliance requirements have not been met. [Learn more.](#)

Cisco DNA Center is becoming Catalyst Center

As part of our vision to converge our products around an integrated platform, we are changing the name of Cisco DNA Center to Catalyst Center in the next release. The capability and functionality of Catalyst Center remains the same as Cisco DNA Center.

Assurance Summary

Health ⓘ

Healthy as of Feb 2, 2024 11:28 AM

92%

Network Devices

— — %

Wireless Clients

— — %

Wired Clients

[View Details](#)

Critical Issues

Last 24 Hours

0

P1

0

P2

[View Details](#)

Trends and Insights

Last 30 Days

AP Performance Advisories

Trend Deviations

[View Details](#)

Network Snapshot

Sites

As of Feb 2, 2024 11:28 AM

DME Connect - 1

Network Devices

As of Feb 2, 2024 11:28 AM

Unclaimed: 0

Network Profiles

As of Feb 2, 2024 11:28 AM

Wireless: 1

Doutina ·

Call to Action

Key Takeaways

- 1 Catalyst Center Virtual appliance is \$0 PID
- 2 Catalyst Licenses differ from Device Licenses
- 3 No license needed for 3rd party devices

Never too late to begin..

Catalyst Center Data Sheet

<http://cs.co/CatalystCenterDataSheet>

Catalyst Center Compatibility Matrix

<http://cs.co/CompatibilityMatrix>

Switching Matrix

<http://cs.co/SwitchingMatrix>

Wireless Matrix

<http://cs.co/WirelessMatrix>

Routing Matrix

<http://cs.co/RoutingMatrix>

Cisco Live EMEA Catalyst Center Learning Map

Monday 5th

TECOPS-2001

The Ultimate Guide to Install, Onboard, Operate your Campus Network with Catalyst Center

TECOPS-2002

How to leverage Catalyst Center to build a Zero Trust Campus Network

TECOPS-2158

Catalyst Center Out-of-the-Box and Custom Integrations

TECOPS-2823

How to leverage Catalyst Center to its greatest potential

Tuesday 6th

LTREWN-2511

Automating wireless deployments at scale using Catalyst Center

BRKOPS-2032 ★

3 Catalyst Center and ITSM Workflows: CMDB, Incident Management and SWIM

BRKOPS-2416

7 Habits for success with Cisco Catalyst Center

BRKOPS-1183

Introduction to Infrastructure as Code for Catalyst Center with Terraform

LTRSEC-2005

Building Cisco SD-Access with Cisco Catalyst Center & ISE

Wednesday 7th

BRKOPS-2540

Best Practice for Prime to Catalyst Center Migration

BRKOPS-2683

Let Catalyst Center be your guide to a Zero-Trust Workplace

★ BRKOPS-2375

Everything that you need to be aware of Licensing for Catalyst Center

LTROPS-2977

Cross-Domain Automation with Catalyst Center and ACI using CI/CD Pipelines

BRKCOC-2465

Inside Cisco IT - automating the network with Catalyst Center

BRKOPS-1110 ★

Unleash Your Network Potential: Catalyst Center's MIB2/SNMP Empowerment for 3rd Party Devices

BRKOPS-2357

Taking Infrastructure as Code for Catalyst Center with GitLab CI/CD to the Next Level

Thursday 8th

BRKOPS-2077

Tips and Tricks for Prime Infrastructure to Catalyst Center Migration

BRKEWN-2667

Catalyst Wireless Supercharged by Catalyst Center

BRKOPS-2038

The Flow of Things: Navigating and Properly Enabling NetFlow-based Solutions through Catalyst Center

BRKOPS-2402

Automate the Deployment of a Wireless Network with the Help of Catalyst Center

★ BRKOPS-2471

Custom Workflows for the Cisco DNA Center Integration with ServiceNow

Friday 9th



BRKOPS-2521

Revolutionize Your Network Management with Cisco Catalyst Center: Physical or Virtual on AWS or VMware ESXi

Capture The Flag

@Hub All week long

Catalyst Center 2.3.7

Catalyst Center 2.3.5

Prime Migration

Catalyst

Center

★ BU led sessions

CISCO Live!



The bridge to possible

Thank you

CISCO *Live!*

The background features a vibrant, multi-colored abstract design. On the left, there are horizontal, wavy bands of color in shades of red, orange, yellow, and green. On the right, a bright white light source emits a series of sharp, radiating lines in various colors, including blue, green, and yellow, creating a sunburst effect.

cisco *Live!*

Let's go