



You make **possible**



Whirlwind Tour of Cisco DNA Center for Managing Network Intent

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DEVNET-1228

CISCO *Live!*

Barcelona | January 27-31, 2020



Cisco Webex Teams

Questions?

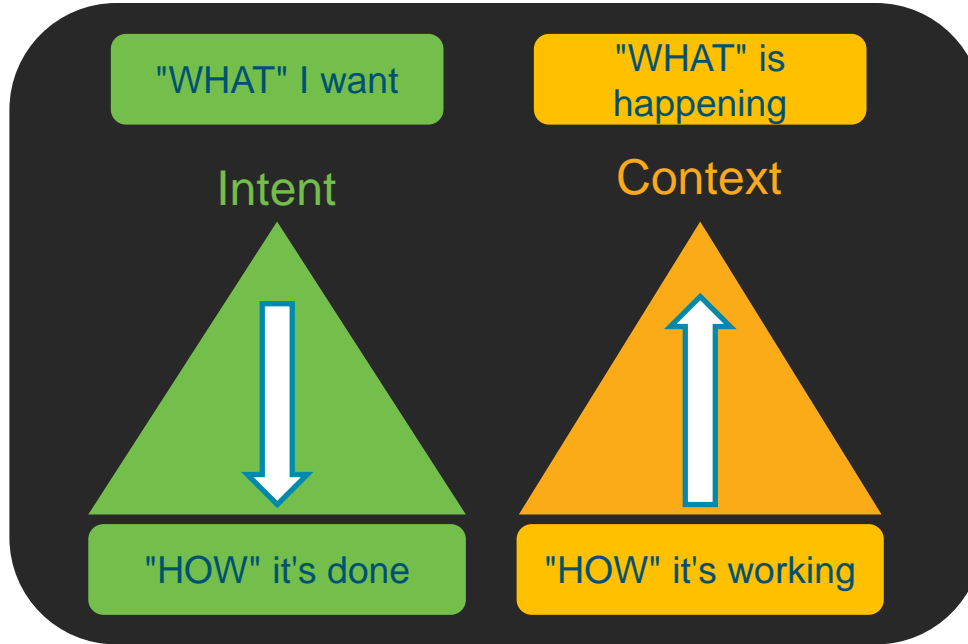
Use Cisco Webex Teams to chat with the speaker after the session

How

- 1 Find this session in the Cisco Events Mobile App
- 2 Click “Join the Discussion”
- 3 Install Webex Teams or go directly to the team space
- 4 Enter messages/questions in the team space



Cisco
DNA Center



cisco *Live!*

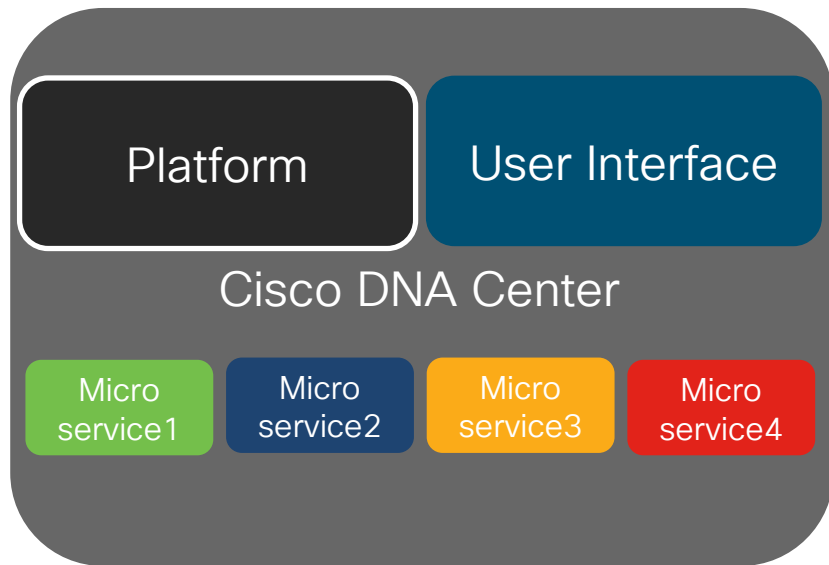


**DRIVE FOR
SHOW
AND
PUTT FOR
DOUGH**



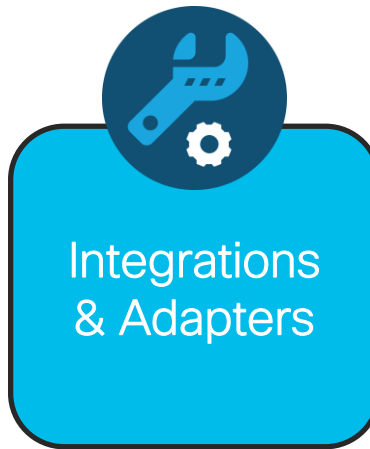
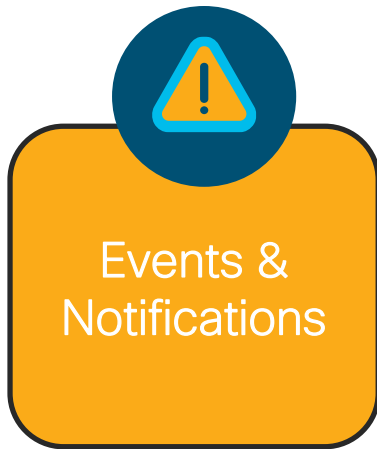
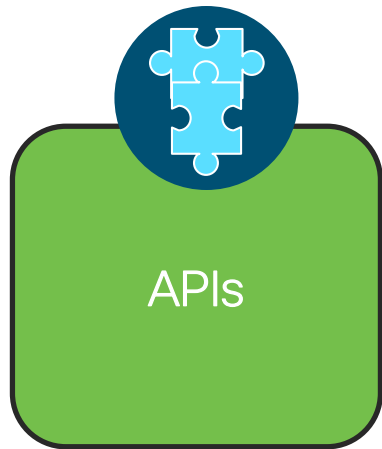
**GUI FOR
SHOW
AND
API FOR
DOUGH**

What is "Platform"

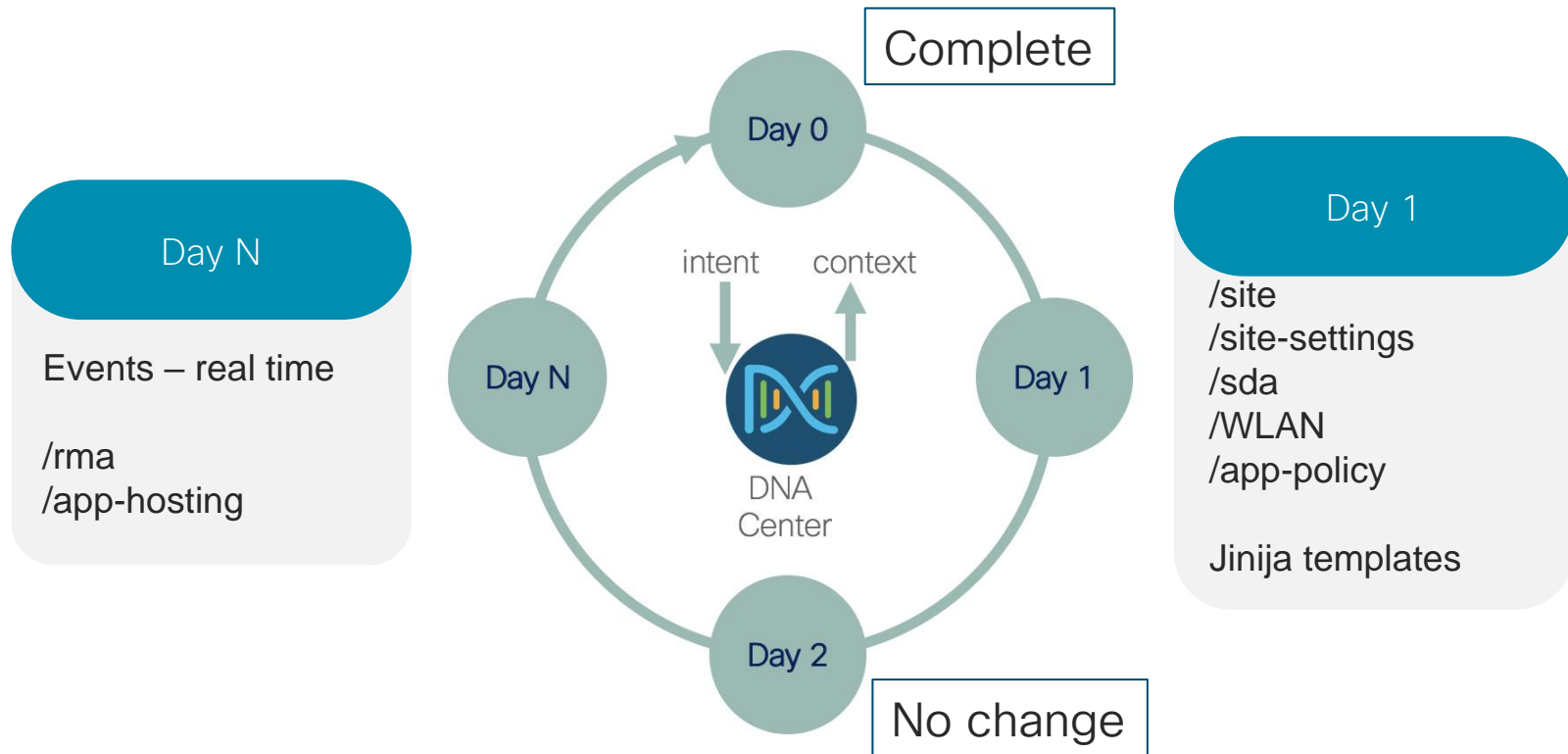


- Platform provides an abstraction of internal API
 - Simplified schema
 - Composite API
 - `/dna/intent` prefix for api
 - Rate limiting of endpoints
- Event Framework
- Adaptors and integration into ITSM (SNOW), IPAM etc

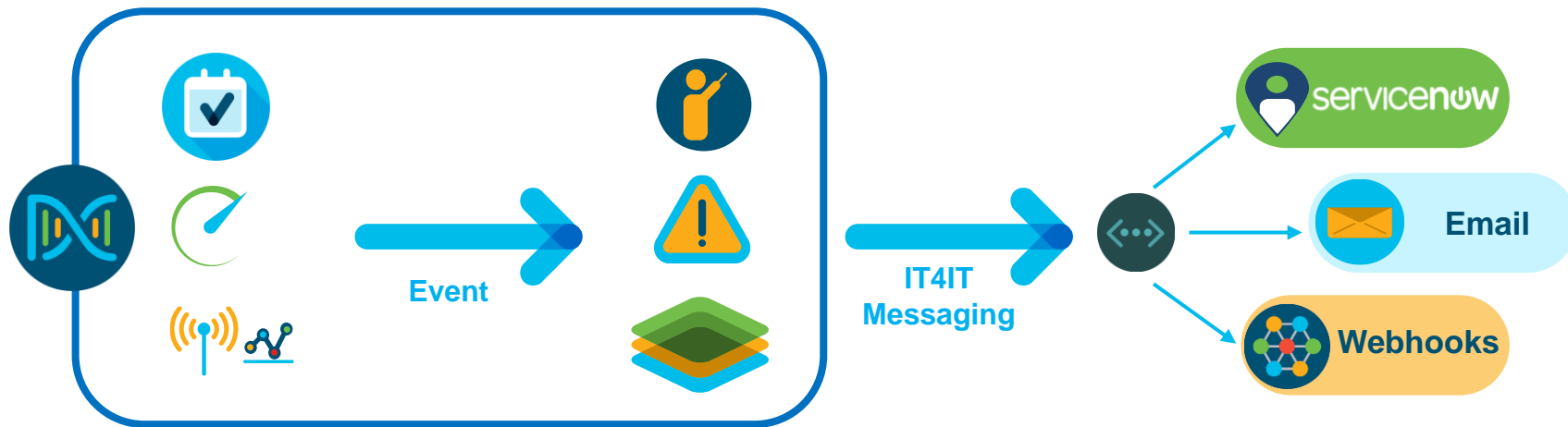
Platform Components



API for the device lifecycle – what's new?



Evolving to Real-Time Notifications



Event Source : System,
Assurance, Automation

Cisco DNA Center
Platform

REST Endpoint
Engagement

Integrations & Adaptors



ITSM & CMDB

- ServiceNow



IPAM | DNS | DHCP

- Infoblox
- BlueCat
- EfficientIP



Reporting

- Tableau



Wireless Maps

- Ekahau Integration

Ansible Network Modules

Developed by Redhat








Python SDK

Partner Developed
(Libraries for all APIs)



Application Hosting on Catalyst 9k

KEY BUSINESS OUTCOMES	CONCERN	SOLUTION
 <i>Network Monitoring and Troubleshooting</i>	<ul style="list-style-type: none">• Difficult to pin-point issues across multiple networks domains• Time consuming when using traditional methods	<ul style="list-style-type: none">• Quickly ascertain source of bottleneck• Identify patterns and trends• Draw performance baselines
 <i>Security</i>	<ul style="list-style-type: none">• Network behavioural deviations• Phishing/Snooping• Insider threats• IoT vulnerabilities	<ul style="list-style-type: none">• Intrusion Detection, Deception techniques• Incident response and forensics all in one place
	App lifecycle management orchestrated by Cisco DNAC	
	Flexible runtime environment with native docker engine	
	Build your own app or bring your own app	

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- Complete a minimum of 4 session surveys and the Overall Conference survey (starting on Thursday) to receive your Cisco Live t-shirt.
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1:1 meetings



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Thank you





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