

Architecture - SaaS

Dynatrace Training Module



Agenda

- Dynatrace Capabilities Overview
- SaaS Architecture

What is Dynatrace?

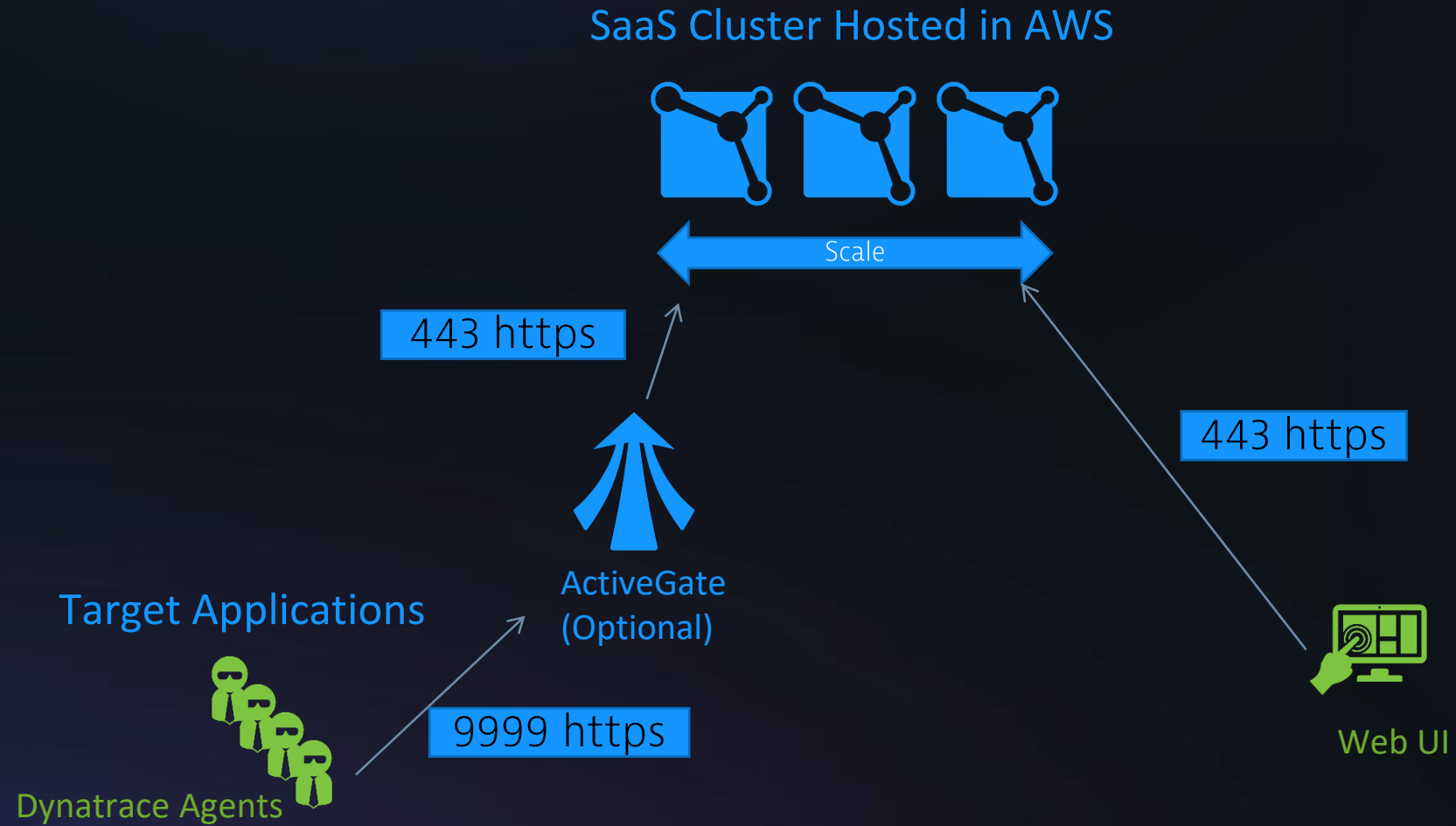


What is Dynatrace?



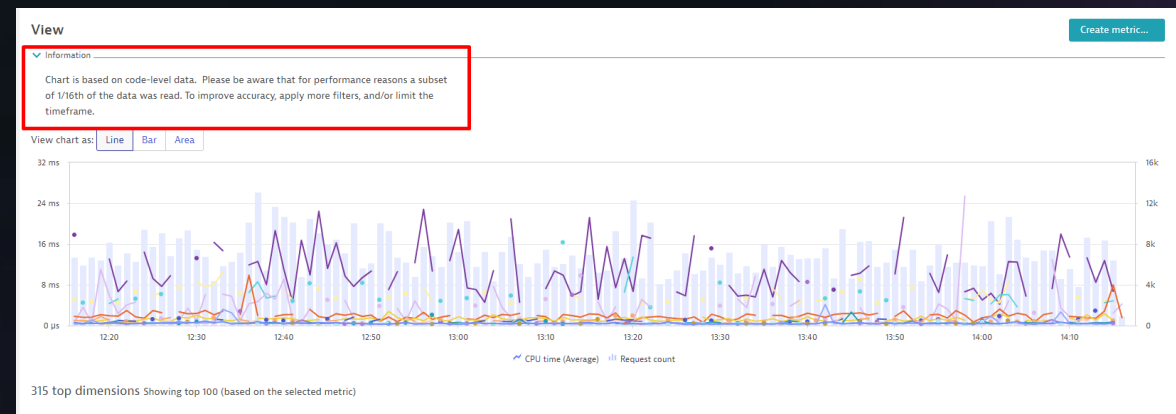
Dynatrace SaaS

Ports - SaaS



Storage and Retention - SaaS

- Code Level and Performance data
 - Service Requests – 35 days
 - Service Code Level – 10 days
- Time Series
 - 1 minute intervals – 14 days
 - 5 minute intervals – 28 days
 - 1 hour intervals – 400 days
 - 1 day intervals – 5 years
- RUM
 - Sessions and User Actions – 35 days
 - Session Replay – 35 days
 - Waterfall analysis– 10 days
- Synthetic
 - Transactions – 35 days



Tooltips provide info on where data is coming from

Updates

- The components are updated on the schedules below:
- SaaS Cluster
 - Every 2 weeks (automatic)
- OneAgent
 - Every 4 weeks (optional)
 - OneAgent versions are supported for 9 months (12 months with Premium support)

Environments

What is a monitoring environment?

- Dynatrace environments contain all of the monitoring data
- It is an independent instance (tenant) where root cause analysis and fault domain isolation take place
- Your monitoring tenant is where Dynatrace OneAgent sends its monitoring data
- It also includes the dashboards, charts, and reports that you use to stay on top of your environment's performance
- Think of your monitoring environment as the analysis server that provides all application performance analysis

How many Environments do I need?

Dynatrace Component	Level	Use Cases	Control User Access	Cross Transaction Monitoring
Environment	1	<ul style="list-style-type: none"> License Quotas Control access to global Settings (typically used to limit configuration access for Prod) 	Yes (per User Group)	No
Host Group	2	<ul style="list-style-type: none"> Separate processes into logical groupings Pass in additional metadata for tagging/naming 	No	Yes
Management Zone	2	<ul style="list-style-type: none"> Separate Applications, Services, and resources into logical groupings (used in combination with Host Groups) Control edit access to individual entities Filter a single tile or an entire Dashboard Global filtering of the data Filter Alert notifications 	Yes (per User Group)	Yes
Tag	2	<ul style="list-style-type: none"> Filter a single tile on a Dashboard Advanced filtering Filter Alert notifications 	No	Yes

Questions?



Simply smarter clouds