AppDynamics Architecture

- AppDynamics Application Performance Management (APM)

AppDynamics App iQ Platform 4.5

AppDynamics App iQ platform is an AppDynamics approach that addresses the concept of unified monitoring and comprehensive digital experience. It enables organization to monitor and manage an entire application delivery ecosystem from users browsers or mobile application client to backend application and databases. AppiQ seeks to provide unified single view across application tiers.

The App iQ platform cuts across all AppDynamics module including;

❖ Application Analytics
❖ Application Performance Monitoring
❖ End User Experience Monitoring
❖ Database Monitoring
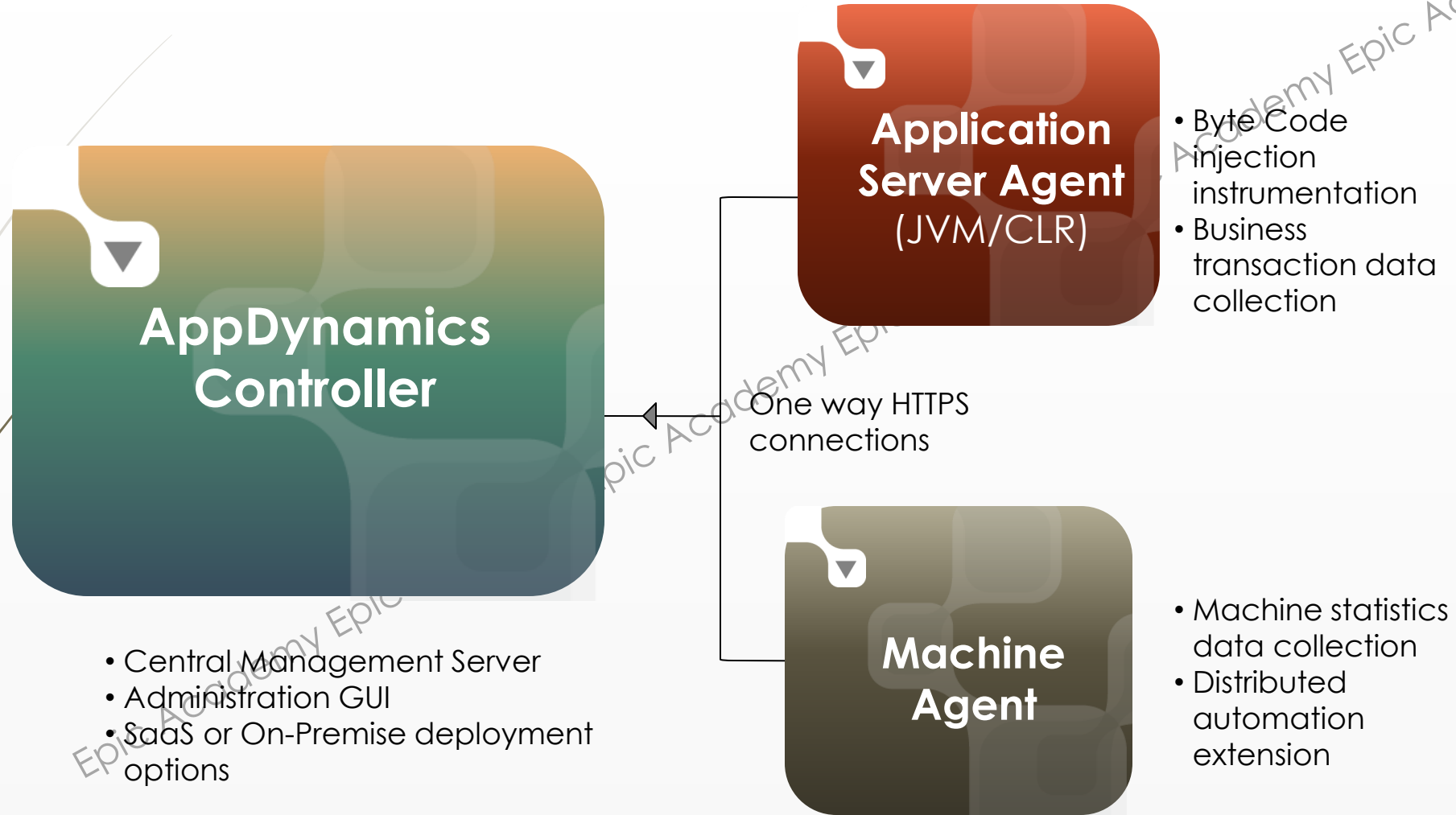❖ Integrated Network Visibility etc.

Cloud or On Premise??

Two Options available in AppDynamics APM:

Cloud: Here AppDynamics controller is installed and managed for you in AppDynamics Cloud environment. However, you need to install the AppDynamics agent on your on premise or cloud application server and point to AppDynamics controller in the cloud.

On Premise: In On premise, you install all the AppDynamics Component including Controller, agent yourself. On premise requires you to provide the server resources etc required.
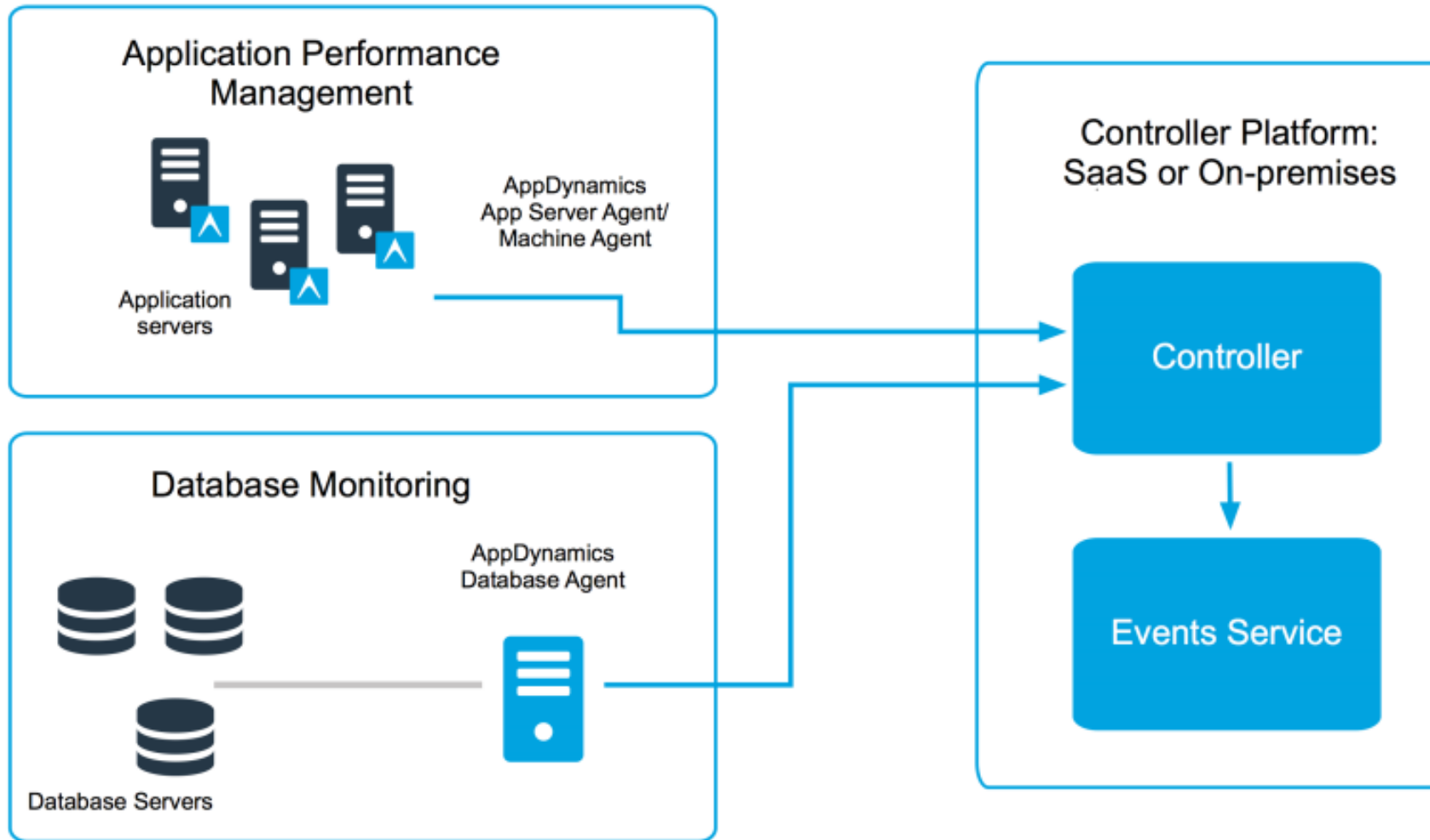
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AppDynamics Architecture

AppDynamics Controller

Application Server Agent (JVM/CLR)

- Byte Code injection instrumentation
- Business transaction data collection

One way HTTPS connections

- Central Management Server
- Administration GUI
- SaaS or On-Premise deployment options

Machine Agent

- Machine statistics data collection
- Distributed automation extension
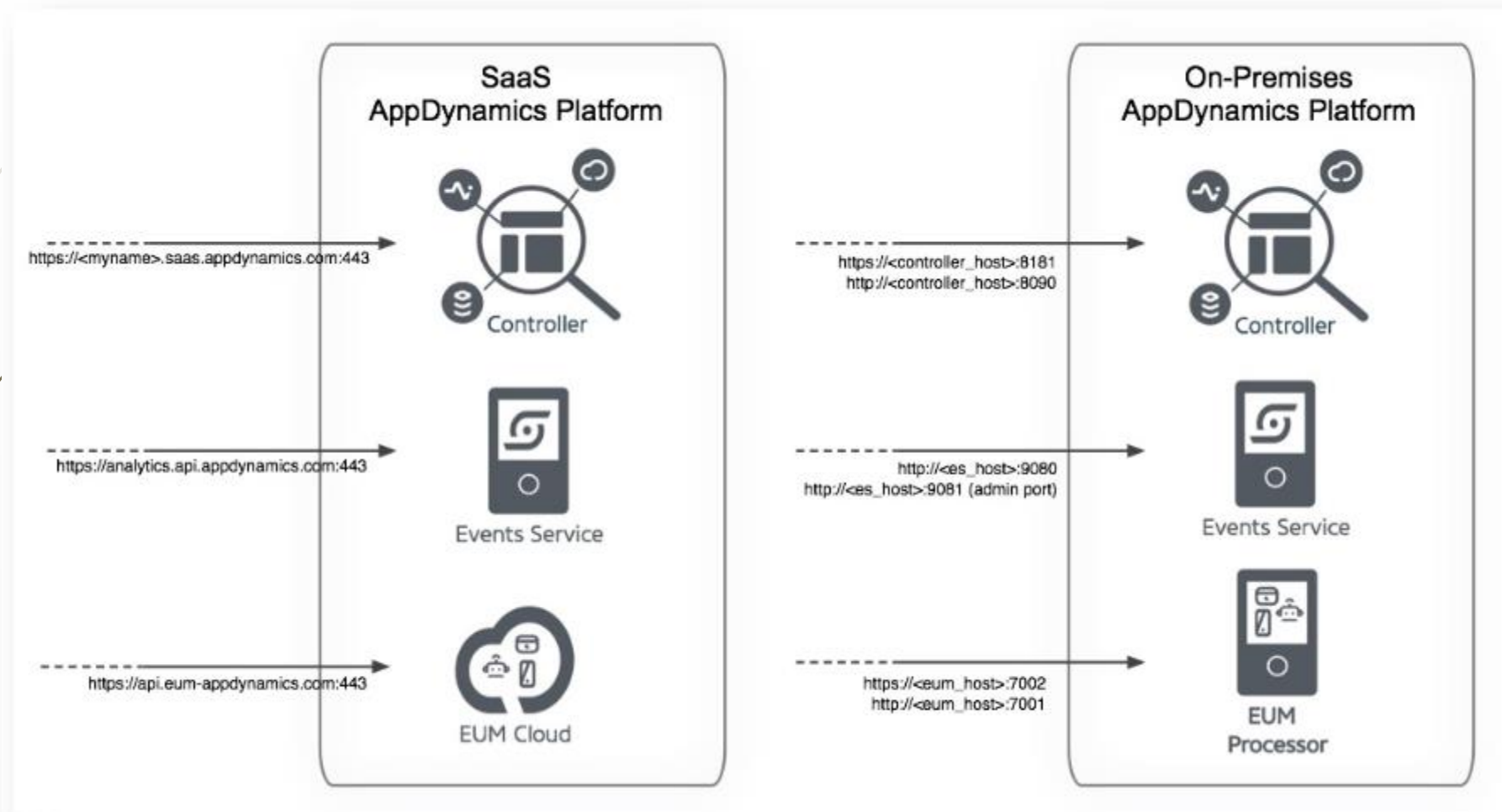
Courtesy : AppDynamics

AppDynamics Architecture

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AppDynamics Architecture – Port Requirement

Courtesy : AppDynamics