**Chapter 03 - Outline**

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| Intro Slide 1: Chapter 3 - Enterprise Infrastructure and Application Technologies  Slide 2: Agenda  Slide 3: Distributed Architecture Example – Includes complexity examples of SOA, Cloud, BigData, Agile Development, etc.  Slide 4: Outline of typical application software stacks – Java J2EE  Java AppServers: WebLogic, WebSphere, Tomcat, Jboss, Glassfish, Jetty, Oracle OC4J, OSGi…  Java Frameworks: Applets, EJB, Hibernate, JMS, JSF, Spring Beans, Struts, Servlets…  Java Messaging: AcitveMQ, Rabbit MQ, IBM WAS, WebLogic, Sonic MQ…  SOA: JBoss Native Stack, Glassfish Metro, OC4J, WebLogic JAX-WS/RPC, WebMethods Glue, WebSphere JAX-WS/RPC…  Java Backends: Oracle, IBM DB2, MS SQL Server, Postgres, MySQL, Derby, Sybase…  Binary Remoting: Apache Thrift, Spring Remoting, Caches: Coherence, Ecache, JBoss Tree Cashe, NoSQL: Cassandra, MongoDB, Hadoop  Slide 5: Outline of typical application software stacks –.NET IIS  NET Frameworks: Apache ActiveMQ NMS framework and related MQs, ASP.NET  ASP.NET MVC 2 and 3, Web Services, HTTP, SOAP, WCF, Remoting, IBM MQ, JMS  .NET Backends/SOA: ADO.NET, ApacheMQ, IBM MQ, Remoting, SOAP, HTTP, WCF, Tibco EMS, WebServices  Slide 6: Outline of typical application software stacks – PHP  PHP Lamp Stack Configuration  Linux OS  Apache Web Server  MySQL Database  PHP language  Frameworks  Drupal, WordPress, Zend, Symfony (MVC), and HTTP Web Apps  Slide 7: AppDynamics Agent BCI Instrumentation – How does it work?  Explain high-level of how Agent BCI works for Java/.NET & PHP  Slide 8: BT/End-User Context  After BCI Instrumentation comes BT Identification and Auto-Discovery  Slide 9: APM Goal: Root Cause Identification  Event Triggers Diagnostic Data/Transaction Snapshot Collection  Slide 10: APM Goal: Code-Level Visibility  Call Graph/Method Call Stack Granularity  Slide 11: Where We Play/Don’t Play  Agent, Controller, Framework, Backend Support and No Support Examples  Slide 12: Agent Support Matrix (Java/.NET)  Slide 13: PHP Support Matrix  Slide 14: Summary |