

## SAP HANA Using Monitoring and Performance Tools

**Duration: 2 Days**    **Course Code: HA215**

### Overview:

In this course you will learn about emergency trouble shooting the SAP HANA database system using the SAP HANA cockpit 2.0. You will also learn how to use the SAP HANA traces to investigate for expensive SQL statements that might cause SAP HANA database performance problems in the areas of memory, CPU, and disk I/O. You will also learn how to setup SAP HANA workload management and SAP HANA capture and replay tools to perform proactive monitoring and performance safeguarding.

### Target Audience:

- Database Administrator
- Help Desk/CoE Support
- System Administrator
- Technology Consultant

### Objectives:

- Use the SAP HANA cockpit to perform emergency trouble shooting, the SAP HANA traces to investigate for costly statements and to setup SAP HANA workload management and SAP HANA capture and replay tools.

### Prerequisites:

Essential:

- HA200 - SAP HANA 2.0 - Installation and Administration
- Basic experience with the Linux operating system

Recommended:

- HA150 - SAP HANA 2.0 - SQL and SQLScript for SAP HANA

### Content:

- |   |   |   |
|---|---|---|
| ■ Emergency Analysis and Troubleshooting using SAP HANA cockpit 2.0 | ■ Analyzing Memory Issues                           | ■ Configuring SAP HANA alerting framework |
| ■ Handling System Offline Situations                                | ■ Analyzing CPU Issues                              | ■ Setting up SAP HANA workload management |
| ■ Handling System Hanging but Reachable Situations                  | ■ Analyzing Expensive Statements Issues             | ■ Using SAP HANA capture and replay       |
| ■ Analyzing a Suddenly Slow System                                  | ■ Analyzing Disk and I/O Issues                     |   |
| ■ Structural System Performance Root Cause Analysis                 | ■ Proactive Monitoring and Performance Safeguarding |   |

### Additional Information:

**Course based on software release:**

- SAP HANA 2.0 SPS07

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### Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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