

IT Administrator Guide

Contents

Introducing PHEMI Central.....	4
Data in PHEMI Central.....	4
Collection.....	4
Curation.....	4
Consumption.....	6
Privacy, Security, and Governance.....	6
Privacy.....	7
Security.....	7
Governance.....	7
Data Management.....	8
Metadata Framework.....	8
Lifecycle Management.....	8
Data Immutability.....	8
Version Control.....	8
 About the IT Administrator.....	 10
Assumptions.....	10
Responsibilities.....	10
 Supported Management Tools.....	 11
 Deployment and Provisioning.....	 12
System Deployment.....	12
Deployment Models.....	12
Physical Installation.....	12
Software Installation.....	12
Provisioning the System with Data.....	13
 Security.....	 14
Secure Network Communication Channels.....	14
Secure Users.....	14
Secure Data Storage.....	14
Audit System Activity.....	14
Secure Trace and Dump Files.....	14
 Starting and Stopping the System.....	 15
Start the System.....	15
Stop the System.....	15
Restart the System.....	15
Take Down a Cluster Node.....	15
Bring Up a Cluster Node.....	15
Take Down the Management Node.....	15
Bring Up the Management Node.....	15

Adding and Replacing Nodes.....	16
Adding a Cluster Node.....	16
Replacing a Cluster Node.....	16
Replacing the Management Node.....	16
Monitoring System Status and Performance.....	17
Monitor System Status.....	17
Monitor System Performance.....	17
Resource Management.....	18
Monitor Disk Space.....	18
Monitor Memory Usage.....	18
Monitor Node Usage.....	18
Backup and Restore.....	19
Back Up the Database.....	19
Restore the Database from a Backup.....	19
Business Continuity.....	20
Availability.....	20
Disaster Recovery.....	20
Monitor System Availability.....	20
Recover from a Disaster.....	20
Logs and Alerts.....	21
View System Logs.....	21
View Alarms and Notifications.....	21
Clear Alarms.....	21
Software Update.....	22
Get the Latest Software.....	22
Update Your Software.....	22
Service and Support.....	23
How to Reach Us.....	23
Collecting Information for Support.....	23
Glossary of Terms and Concepts.....	24