

# **IT Administrator Guide**

# Contents

<b>Introducing PHEMI Central.....</b>	<b>4</b>
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
 <b>About the IT Administrator.....</b>	 <b>10</b>
Assumptions.....	10
Responsibilities.....	10
 <b>Supported Management Tools.....</b>	 <b>11</b>
 <b>Deployment and Provisioning.....</b>	 <b>12</b>
System Deployment.....	12
Deployment Models.....	12
Physical Installation.....	12
Software Installation.....	12
Provisioning the System with Data.....	13
 <b>Security.....</b>	 <b>14</b>
Secure Network Communication Channels.....	14
Secure Users.....	14
Secure Data Storage.....	14
Audit System Activity.....	14
Secure Trace and Dump Files.....	14
 <b>Starting and Stopping the System.....</b>	 <b>15</b>
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

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