Experiences with UNICORE 6 in Production

19. Mai 2010 | Michael Rambadt, Mathilde Romberg, Sandra Bergman, Rebecca Breu, Nadine Lamla
Content

- Introduction
- Managing UNICORE Production Environments
- Conclusion
Introduction
Introduction
Introduction
Introduction
Managing UNICORE Production Environments
Managing UNICORE Production Environments
Managing UNICORE Production Environments
Managing UNICORE Production Environments
Managing UNICORE Production Environments
Managing UNICORE Production Environments
Managing UNICORE Production Environments
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Diagram:
- XUUDB
- UNICOREX
- TSI
- DB
- Operating System
- Applications Execution Environment
- Resource Management System
- File Systems
- user admin portal
- idb
- xnjs
- HW
Managing UNICORE Production Environments
Managing UNICORE Production Environments
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Managing UNICORE Production Environments
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<table>
<thead>
<tr>
<th>Service Status Details For All Hosts</th>
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<tbody>
<tr>
<td><strong>Host Name</strong></td>
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DK  - Down
UK  - Unreachable
PD  - Pending
DE  - Down - Error
CR  - Critical
IN  - Info
OK  - Ok

Managing UNICORE Production Environments

- XUUDB
- UNICOREX
- CIS
- Nagios
- TSI
- idb
- xnjs
- Monitoring HW/OS/RMS on target system

- HW
- Operating System
- Applications Execution Environment
- Resource Management System
- File Systems

User admin portal
DB
Managing UNICORE Production Environments

- CIS Nagios
- UNICOREX
- XUUDB TSI
- idb
- njs
- Monitoring
- user admin portal
- DB
- HW
- Operating System
- Resource Management System
- File Systems
- Applications Execution Environment
- Monitoring HW/OS/RMS on target system
Managing UNICORE Production Environments
Conclusion

- Operation of production environments is costly
  - Service configuration, service monitoring, administrative tools, integration into site management, application installation, automatic / manual interaction,...
- There is (almost) no standard UNICORE installation
  - Consideration of user / site requirements
- Flexibility is the strength of UNICORE 6
Questions?