

BIEE 11G 培训

主题：故障与维护

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BIEE - 管理界面维护与故障排除

维护和故障排除

管理设备类型

创建, 编辑, 查看或删除设备类型。

切换维护模式

当前的维护模式为 关闭。

重新加载文件和元数据

重新加载 XML 消息文件, 刷新服务器元数据并清除高速缓存。

发出 SQL 语句

直接将 SQL 发送至 Oracle BI Server。



BIEE - 故障与维护

- 文件目录
- 系统诊断
- 系统安全

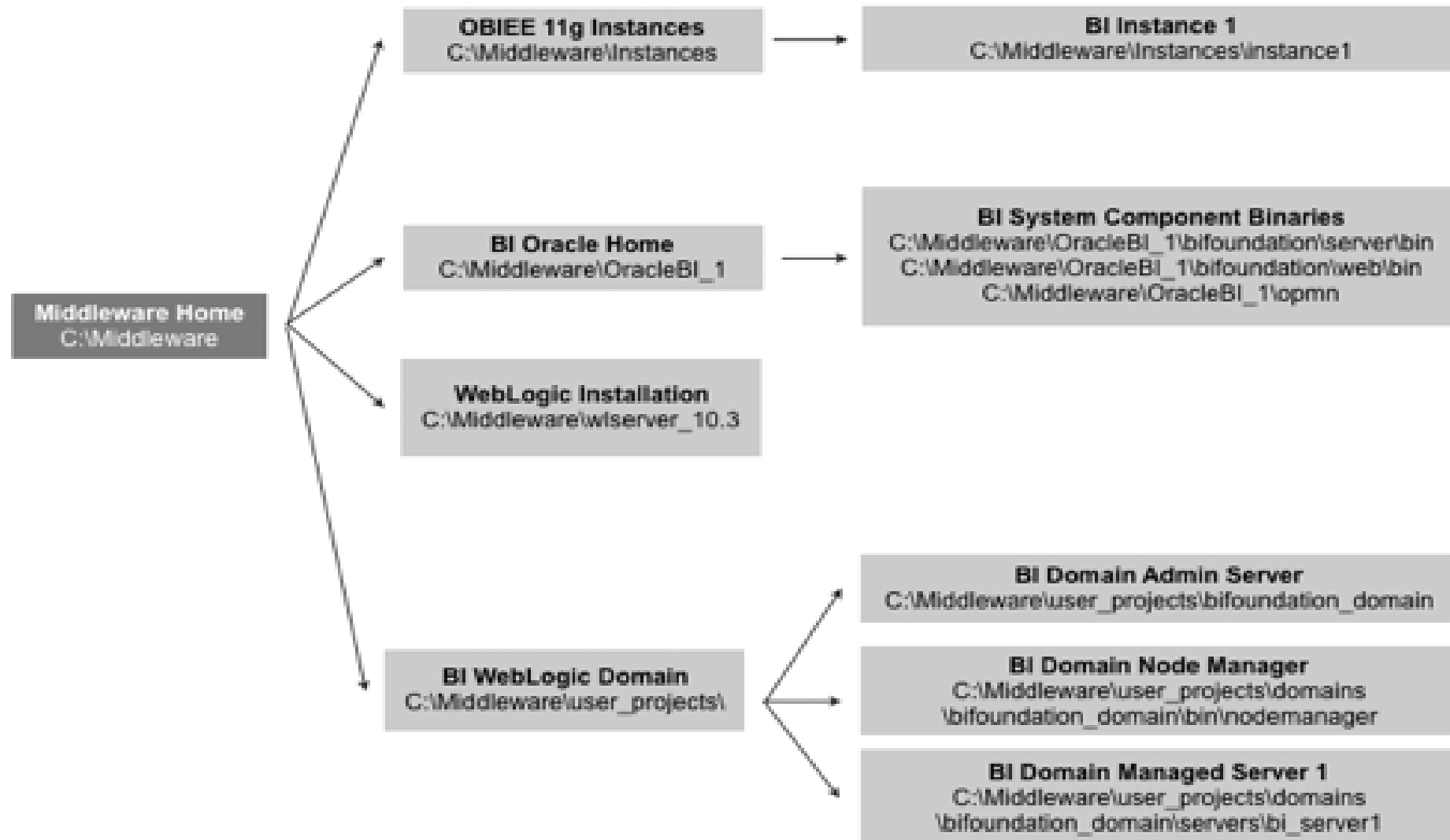


范围说明

- 文件目录
- 系统诊断
- 系统安全



BIEE - 文件目录





BIEE - 文件目录

- Instances 下面包括许多子文件夹
 - /bifoundation:RPD,Webcat
 - /config: NQSConfig.INI 等
 - /diagnostics: 诊断日志
 - /tmp: 其他日志
- 每个文件夹下再细分到每个系统组件
 - instances
 - instance1
 - auditlogs
 - bifoundation
 - OracleBIApplication
 - OracleBIClusterControllerComponent
 - OracleBIJavaHostComponent
 - OracleBIODBCComponent
 - OracleBIPresentationServicesComponent
 - OracleBISchedulerComponent
 - OracleBIServerComponent



BIEE - 文件目录

RPD : C:\Middleware\instances\instance1\bifoundation\OracleBIServerComponent\coreapplication_obis1\repository

NQSConfig.INI : C:\Middleware\instances\instance1\config\OracleBIServerComponent\coreapplication_obis1\nqsconfig.INI

NQClusterConfig.INI : C:\Middleware\instances\instance1\config\OracleBIApplication\coreapplication\NQClusterConfig.INI

nqquery.log :

C:\Middleware\instances\instance1\diagnostics\logs\OracleBIServerComponent\coreapplication_obis1\nqquery.log

nqserver.log :

C:\Middleware\instances\instance1\diagnostics\logs\OracleBIServerComponent\coreapplication_obis1\nqserver.log

nqsserver.exe : C:\Middleware\Oracle_BI1\bifoundation\server\bin\nqsserver.exe

Webcat Directory :

C:\Middleware\instances\instance1\bifoundation\OracleBIPresentationServicesComponent\coreapplication_obips1\catalog\

instanceconfig.xml :

C:\Middleware\instances\instance1\config\OracleBIPresentationServicesComponent\coreapplication_obips1\instanceconfig.xml

xdo.cfg : C:\Middleware\instances\instance1\config\OracleBIPresentationServicesComponent\coreapplication_obips1\xdo.cfg

sawlog0.log :

C:\Middleware\instances\instance1\diagnostics\logs\OracleBIPresentationServicesComponent\coreapplication_obips1\sawlog0.log

sawserver.exe : C:\Middleware\Oracle_BI1\bifoundation\web\bin\sawserver.exe

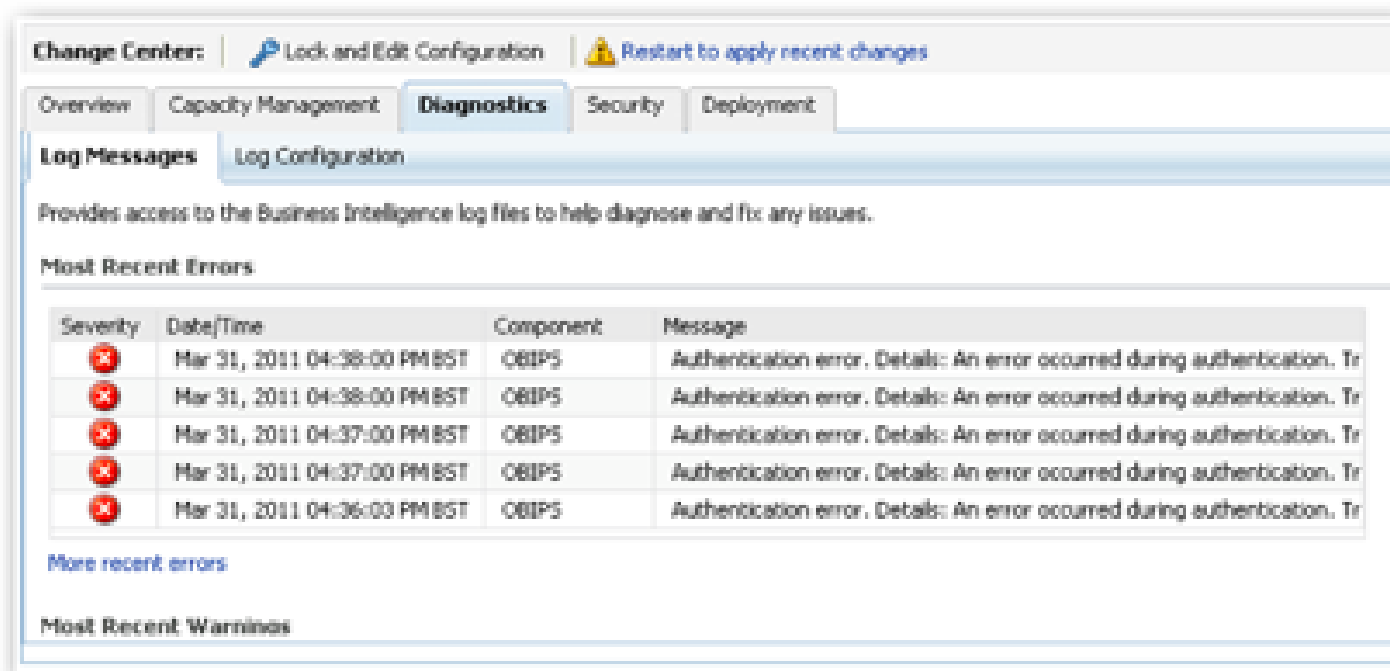


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BIEE - 系统诊断

- BIEE 11g 日志仍然可以在 nqserver.log, nqquery.log 中查看
- 可以通过 Log Viewer 查看
Enterprise Manager > Capacity Management > Diagnostics



BIEE - 系统诊断

- 可以通过点击日志名称查看或搜索更多日志

The screenshot displays the BIEE Log Messages interface. On the left, a sidebar shows navigation options: Change Center, Overview, Capacity Management, Diagnostics, Log Messages, and Log Configuration. The Log Messages section is active, showing a table of log entries with columns for Severity, Date/Time, and Component. Below this, there are links for 'More recent warnings' and 'View / Search Log Files'. The main area shows a search filter for 'Selected Targets (1)' with a date range of 'Most Recent' and '1 Days'. The search results table lists several error messages with the message type 'Error' and the message text '[nQSError: 17014] Could not connect to Oracle database.' The target is 'coreapplication_obis' and the target type is 'oracle_bi_server'. The log file is 'nqserver.log'. Below the table, there is a detailed view of the selected error message, showing the message level, relationship ID, component, host, and the full error message text.

Log Messages

Search

Selected Targets (1)

Date Range: Most Recent 1 Days

Message Types: ☒ Incident Error ☒ Error ☒ Warning ☐ Notification ☐ Trace ☐ Unknown

Message: contains

Search Add Fields

View Show Messages View Related Messages Export Messages to File

Time	Message Type	Message ID	Message	Target	Target Type	Log File
Mar 31, 2011 3:02:38 PM BST	Error		[nQSError: 17014] Could not connect to Oracle database.	coreapplication_obis	oracle_bi_server	nqserver.log
Mar 31, 2011 3:02:38 PM BST	Error		[nQSError: 17014] Could not connect to Oracle database.	coreapplication_obis	oracle_bi_server	nqserver.log
Mar 31, 2011 3:02:38 PM BST	Error		[nQSError: 17014] Could not connect to Oracle database.	coreapplication_obis	oracle_bi_server	nqserver.log
Mar 31, 2011 3:02:38 PM BST	Error		[nQSError: 17014] Could not connect to Oracle database.	coreapplication_obis	oracle_bi_server	nqserver.log

Rows Selected: 1 Columns Hidden: 20

Mar 31, 2011 3:02:38 PM BST (Error)

Message Level: 1 Host IP Address: 10.10.10.10

Relationship ID: 0 Thread ID: 2fc

Component: OracleBIServerComponent ECID: 00001wCEH065yW~5xV_Aw1D~j9v0000gN

Host: obisrv1

Message: [nQSError: 17014] Could not connect to Oracle database.

Supplemental Detail: [nQSError: 17001] Oracle Error code: 28000, message: ORA-28000: the account is locked at OCI call OCI5SessionBegin.

View / Search Log Files

Search all the log files using the Log Viewer

- Presentation Services Log
- Server Log
- Scheduler Log
- JavaHost Log
- Cluster Controller Log
- Action Services Log
- Security Services Log
- Administrator Services Log



BIEE - 系统诊断

- Execution Context IDs (ECID)
 - 每个客户端的事务处理都会产生一个ECID
 - ECID在日志记录中具有唯一性
 - 可以通过ECID查找相关日志

/Farm_bifoundation_domain/instance1

Host IP Address 10.10.10.10
Thread ID 2fc
ECID [0000IwCEHD85yW^5xV AiW1D^i9vQ000qN](#)

le database.
message: ORA-28000: the account is locked

View Related Messages by ECID (Execution Context ID)



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BIEE - 系统安全

- 问题:
weblogic用户登录, 不能访问 BIPS Administration?
- 诊断
 - Check role grants
 - Check My Account Dialog in BIPS
- 原因:
 - Upgrade from 10g to 11g – permissions mapped to Presentation Server Admin group
 - Tip 1: Make BIAdministrator member of Presentation Server Admin group
 - Tip 2: Replace catalog groups with roles.



BIEE - 系统安全

- 问题:
author用户登录, 不能访问 BI Publisher?
- 诊断
 - Create report in BIPS for permission session variables
- 原因:
 - OPSS policies not being granted
 - oracle.bi.publisher.developReport
 - Accessibility mode turned on?



BIEE - 系统安全

- 问题:
author用户登录, 不能访问“我的文件夹”?
- 诊断
 - Log in to BIPS and access Catalog or saving account preferences
- 原因:
 - Changing backend LDAP server
 - Copying catalogs from dev environments
 - GUID not re-synced with backend LDAP
 - GUIDs are stored in catalog and responsible for permissions
- 处理方法:
 - 更改instance .xml,并重启服务

```
<Catalog>  
<UpgradeAndExit>false</UpgradeAndExit>  
<UpdateAccountGUIDs>UpdateAndExit</UpdateAccountGUIDs>  
</Catalog>
```



BIEE - 系统安全

- 问题:
用户已经在LDAP删除, 在BIEE中不一致
- 原因:
References to the deleted user still remain in the repository and catalog
- 处理方法:
 - Identify deleted users and remove in RPD
 - Delete users form catalog
 - Use catalog manager utility to write batch program



BIEE - 系统安全

- 问题:
用户在LDAP中重命名, 在BIEE中不一致
- 原因:
References to the original user still remain in the repository and catalog
- 处理方法:
 - Identify renamed users and remove in RPD
 - Rename users form catalog
 - Use catalog manager utility to write batch program



Question Time!

Q & A

Questions & Answers

Thank You !



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