CENTRIFY SERVER SUITE 2013

Getting Started with Centrify Identity Risk Assessor (CIRA)

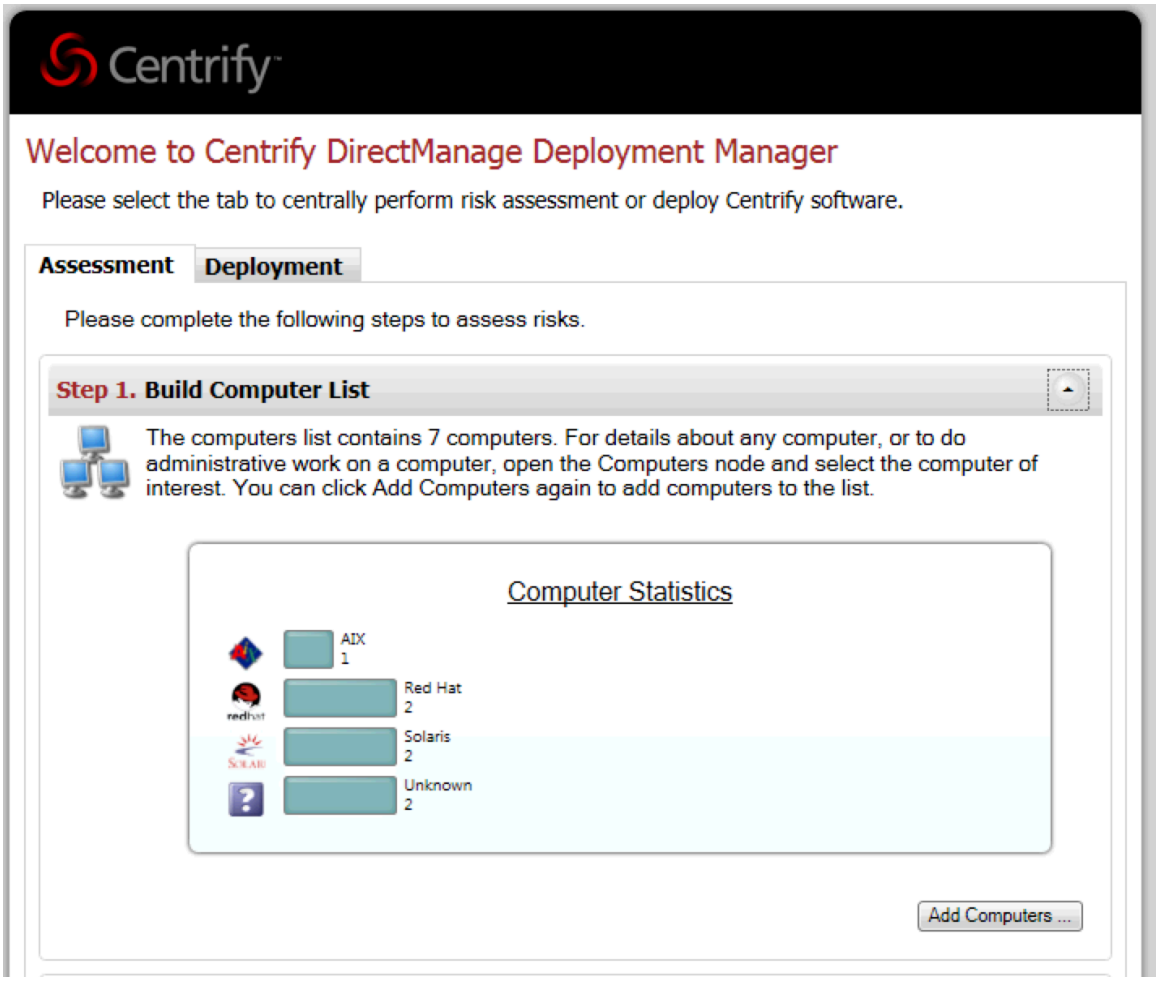
The Centrify Identity Risk Assessor (CIRA) is a risk management feature of the Centrify Server Suite that scans server environments to locate identity-related risks on Linux and UNIX servers. CIRA correlates these findings into a comprehensive report capturing identity vulnerabilities and compliance violations that compare exposures to recommended best practices. Centrify's experience in securing access controls and auditing servers both on premise and in the cloud with more than 5,000 customers uniquely positions it to provide the level of insight organizations need to expose, understand, and mitigate identity-related risks, ultimately reducing insider threat.

Generating Reports with CIRA

CIRA leverages the DirectManage Deployment Manager framework to discover servers that can be surveyed. The Deployment Manager interface now contains two tabs: Assessment and Deployment. The Assessment tab should be used to run CIRA, survey your Linux and UNIX servers and generate a report of your identity-related risk findings. There are six steps required for successfully assessing your environment with CIRA.

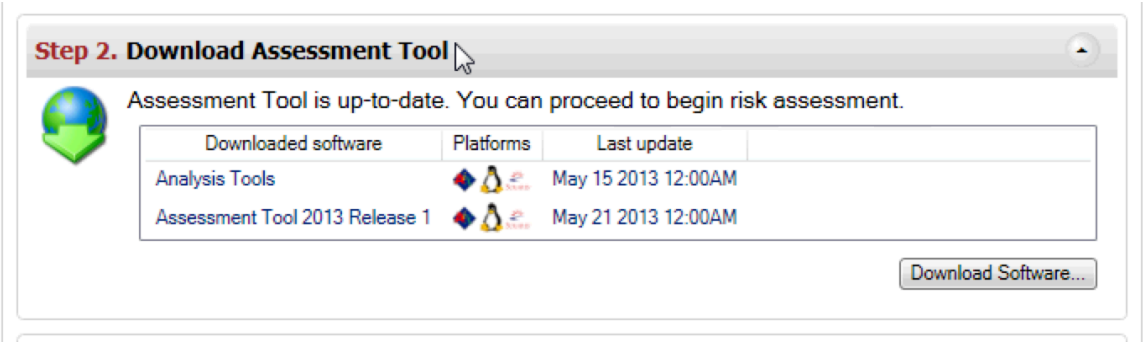
Discover Targets

CIRA automates the discovery of the Linux and UNIX servers in your environment. Additionally, servers may be manually added into CIRA to be included in the identity-related risk survey.



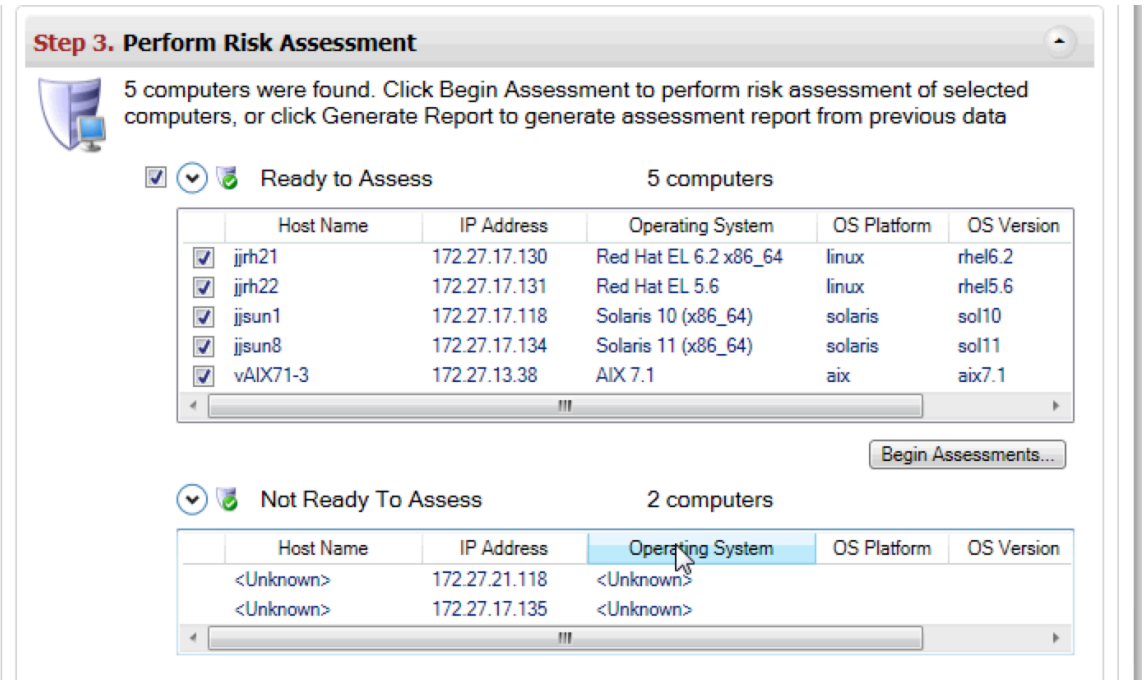
Download

CIRA provides a lightweight assessment client for Linux and UNIX servers. In this step the client is downloaded into CIRA.



Assess your Identity-related Risks

CIRA automates the distribution of the lightweight client to the servers that will be included in the survey. This process requires root access to the servers whose identity and access management risks will be assessed. During the survey the results of the assessment are saved to the CIRA database under the unique name you provide.



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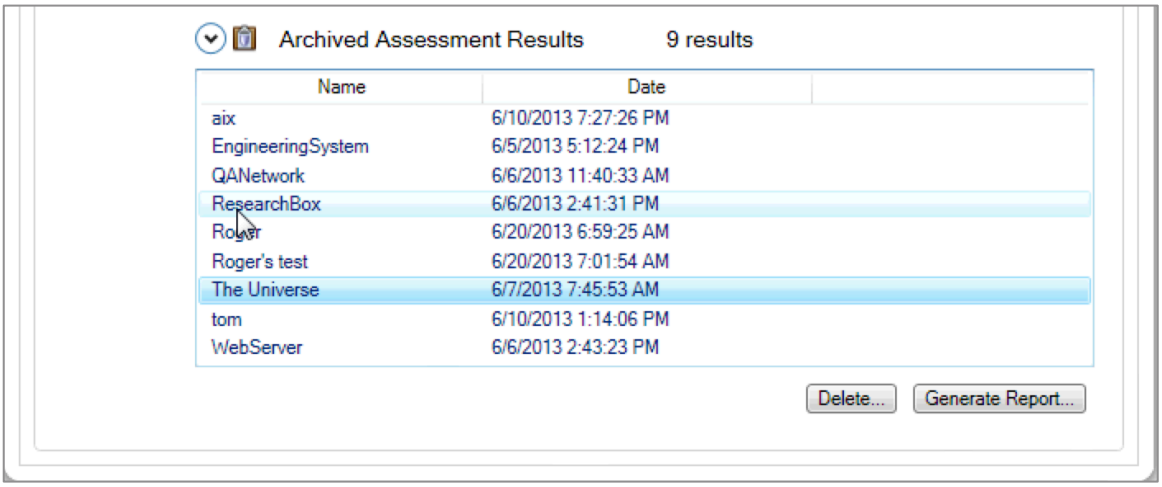
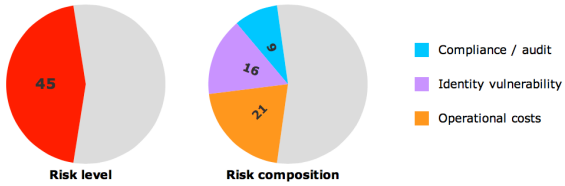
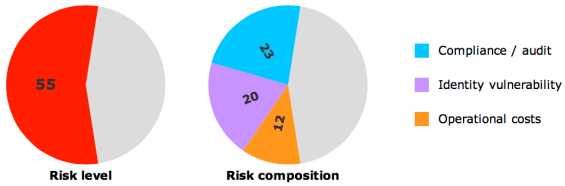
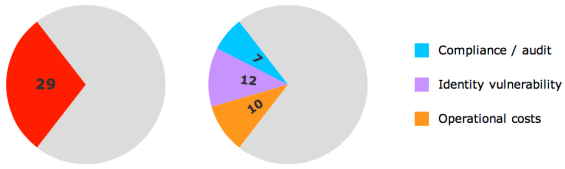
Generate the CIRA Report

Reports are generated by selecting your saved assessment, and clicking Generate Report. Reports can be viewed, saved, deleted as required.



Reading your Report

CIRA provides an overview of your findings against recommended best practices developed by Centrify through the experience of over 5,0000 customer deployments.

Areas of concern with categories of risk	Risk level	Recommendation
User credentials / privileges policy 	45% (Medium)	Investigate your risks and plan to address them.
Systems access policy 	55% (Medium)	Investigate your risks and plan to address them.
Security settings policy 	29% (Low)	Understand and track your risks.

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Drill into detailed results and learn more about mitigating your identity-related risks

Drill into the findings from CIRA's comprehensive survey. Per-test reporting of issues found provides account and privilege level data per server, and recommendations for risk mitigation. Clicking on links for individual issues will take you to the Centrify Identity-related risk portal where you can learn more about what the issues are and how to mitigate them.

User credentials / privileges policy

Areas of improvement	Your risk score	Max. risk score	Your risk level
Local user account usage and maintenance	17	17	100% (High)
Local user account password status	16	38	42% (Medium)
Inconsistent password policies for local user accounts	0	20	0% (No risk)
Local user accounts settings	0	40	0% (No risk)
Non-unique local user names or UIDs	12	12	100% (High)
Non-unique local group names or GIDs	12	12	100% (High)
Auditing of local user login attempts	22	32	69% (High)
Suspected shared or excessive use of local user accounts	6	28	21% (Low)
Inconsistent privilege policies	10	10	100% (High)
Total	**95**	**209**	**45% (Medium)**

Systems access policy

Areas of improvement	Your risk score	Max. risk score	Your risk level
User activity management	8	14	57% (Medium)
Unauthorized access management	16	28	57% (Medium)
PAM authentication management	7	14	50% (Medium)
Kerberos credential management	0	5	0% (No risk)
Certificate management	5	5	100% (High)
Total	**36**	**66**	**55% (Medium)**

Supported Platforms

IBM AIX
CentOS Linux
Red Hat Server
Red Hat Desktop
Ubuntu Server
Ubuntu Desktop
Oracle Solaris Sparc
Oracle Solaris x86
Oracle Solaris x86-64

About CIRA: CIRA is available as part of the Centrify Server Suite 2013.3 release, and it is also available as a free, independent download, www.centrify.com/cira. With CIRA, you can automatically discover systems in your environment, assess the security of those systems, and generate a report that provides both summary and detailed information related

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