

## Atlassian System Administration (JIRA and Confluence)

Issue Date	Version	Exam Validated for Product(s)	Notes
1 October 2016	V1	JIRA Products, Confluence	Exam topics are subject to change. Visit <a href="https://atlassian.com/certification">atlassian.com/certification</a> to ensure you have the most up-to-date topics.

### System Architecture

- Evaluate and select system components to meet requirements and technical limitations for a new or existing environment.
- Evaluate and select a platform (Server, Cloud, Data Center) to meet given requirements and technical limitations for a new or existing environment.
- Evaluate technical needs to determine appropriate file system allocation for performance and sizing requirements.
- Evaluate security needs to determine appropriate file system permissions.
- Define monitoring points and thresholds for JIRA and Confluence as part of the system architecture.

### Initial Configuration and Installation

- Identify key installation and configuration parameters and/or files, system admin pages, and their uses.
- Given a scenario, interpret configuration files, identify modification points, and determine appropriate modifications.
- Explain the functionality of the incoming mail handler and both incoming and outgoing mail server configuration.

### Maintenance

- Explain the critical information required and associated limitations for backing-up data, recovering data, and/or restoring operations.
- Analyze the growth rate for an instance and determine an appropriate scaling plan.
- Determine the impacts of add-ons to the system infrastructure.

### Upgrades/Migration

- Analyze an upgrade plan for appropriateness, given requirements and restrictions.
- Analyze a migration plan for appropriateness, given requirements and restrictions.
- Analyze an add-on upgrade plan for appropriateness, given requirements and restrictions.
- Identify differing elements in configuration files between versions, and the associated implications.
- Explain the complexity involved in merging and splitting Atlassian tool instances.

### Troubleshooting

- Evaluate logs to identify common problems.
- Given a scenario, diagnose common mail problems related to JIRA/Confluence.
- Analyze system resource utilization reports to evaluate likely causes for observed performance degradation.
- Given a scenario, determine the likely source(s) of performance degradation.
- Provided a specific troubleshooting problem determine the appropriate Atlassian system administrator tool for diagnosis.
- Given the output of a specific Atlassian system administrator tool interpret the results in relation to troubleshooting.
- Given a scenario, diagnose Lucene indexing problems and implications of using different methods.