Bynar Test Document

Revision History

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| --- | --- | --- | --- |
| Name | Date | Reason for Change | Version |
| Michelle Zhong | 10/8/2019 | Outline the Test Document | 0.1 |
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Setup Information and Prerequisites

Travis runs continuous integration on Pull Requests.

# Test Cases

# Test Case 1: Bynar Config

### Description

This case consists of the steps required to test Bynar's Config File

### Preconditions For Running the Test Case

Root permissions are necessary when running these test cases as the test functions will attempt to create loopback devices, mount them, check their filesystems, etc. The nightly compiler for Rust is also currently required for testing as Mocktopus currently uses features that are not yet in stable Rust.

### Scenario

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| --- | --- | --- | --- | --- |
| Test Case | | | | |
| ID | Description | Execution Steps | Expected Result | Actual Result |
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# Test Case 2: Ceph Backend

### Description

This case consists of the steps required to test Bynar’s Ceph Backend

### Preconditions For Running the Test Case

Root permissions are necessary when running these test cases as the test functions will attempt to create loopback devices, mount them, check their filesystems, etc. The nightly compiler for Rust is also currently required for testing as Mocktopus currently uses features that are not yet in stable Rust.

### Scenario

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case | | | | |
| ID | Description | Execution Steps | Expected Result | Actual Result |
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