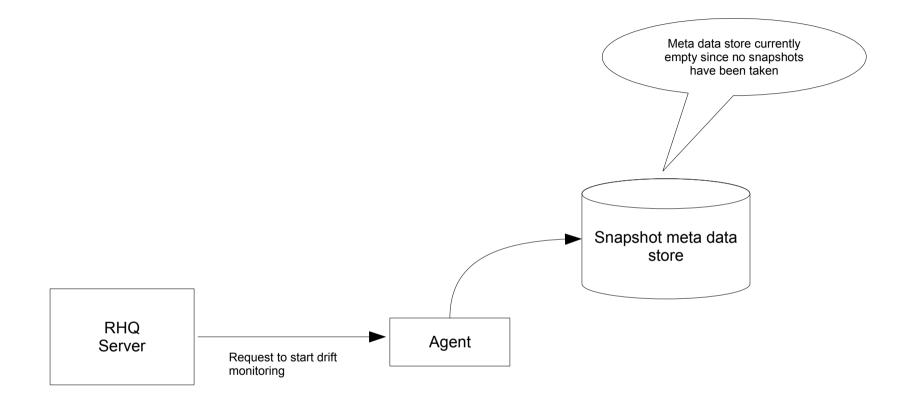
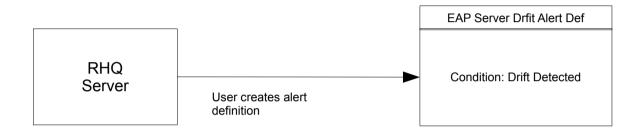
U1: Start drift monitoring for EAP server

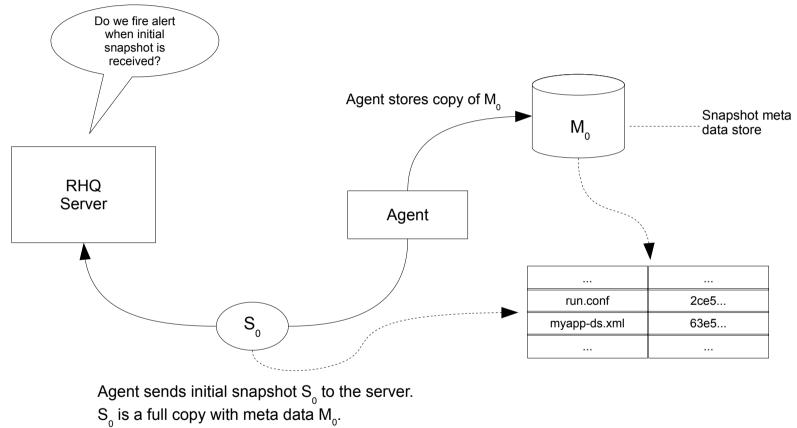


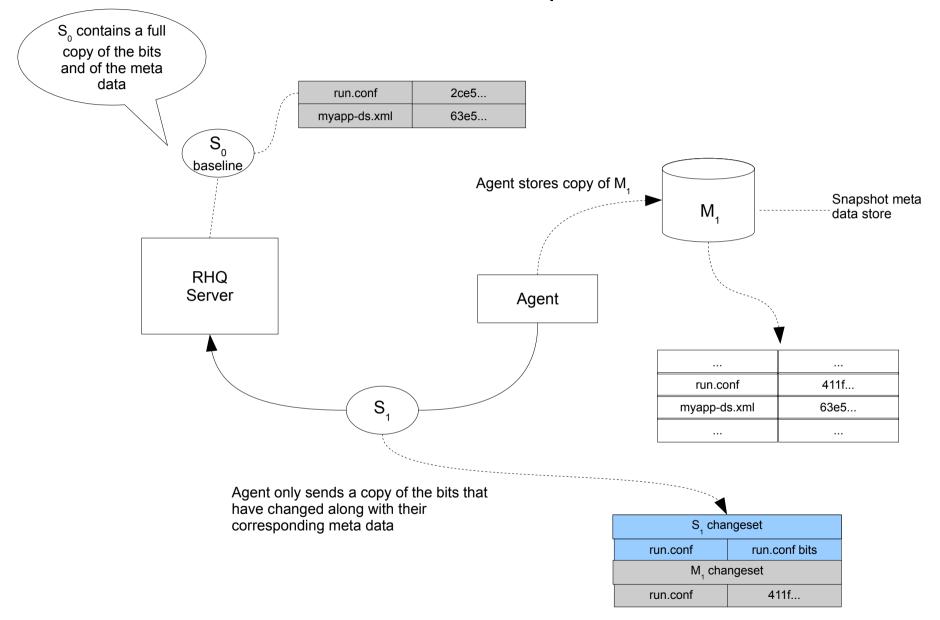
Create drift alert definition



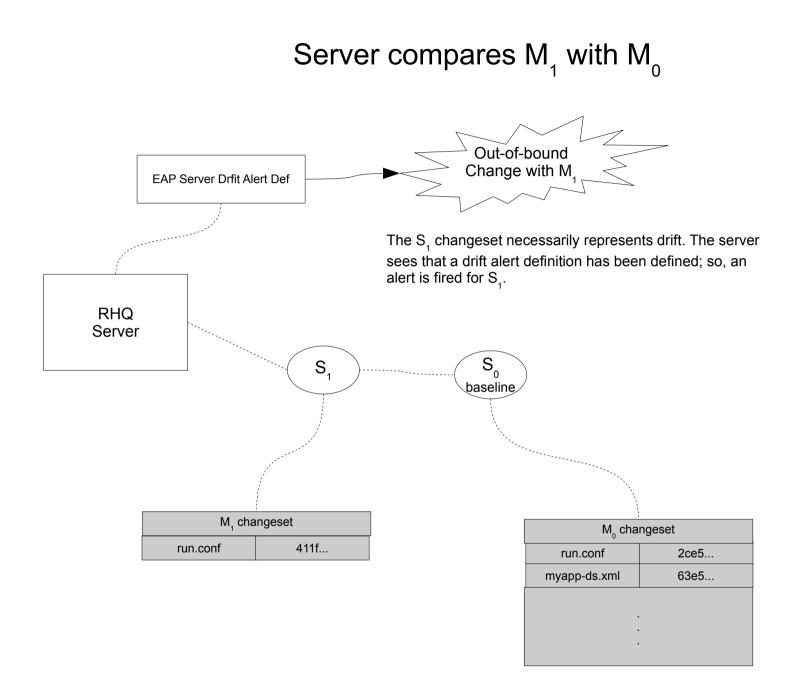
With this alert definition the server will fire an alert whenever it detects drift for the EAP server.

Agent sends initial snapshot, S₀

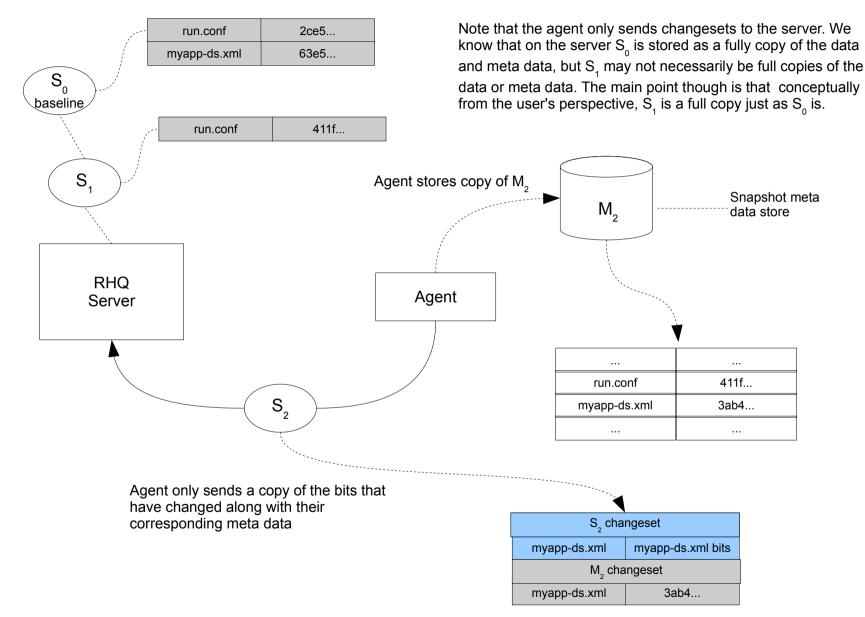


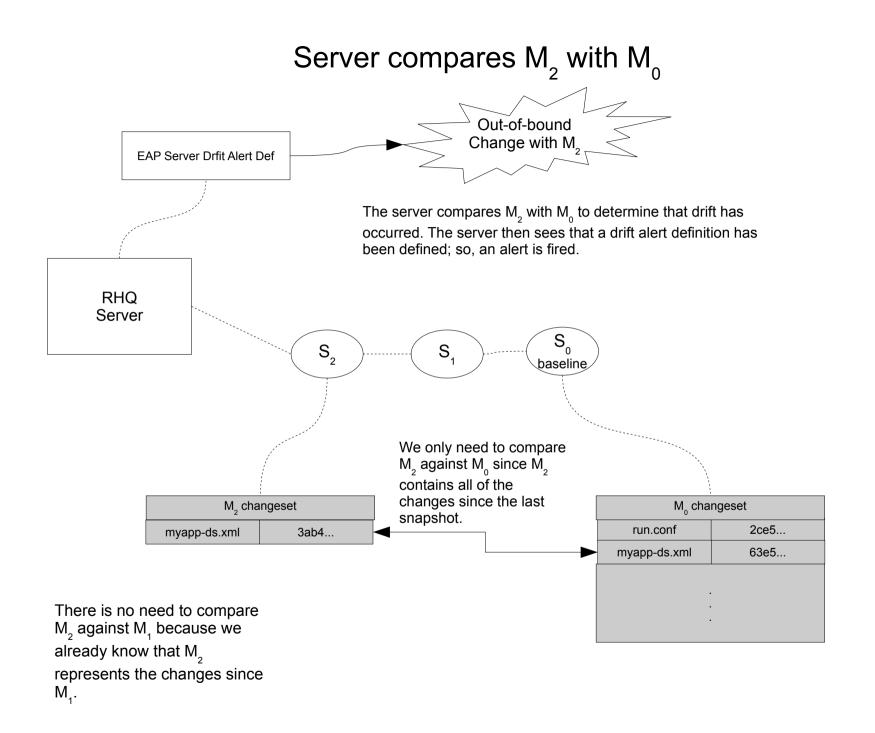


User lowers max heap size in run.conf

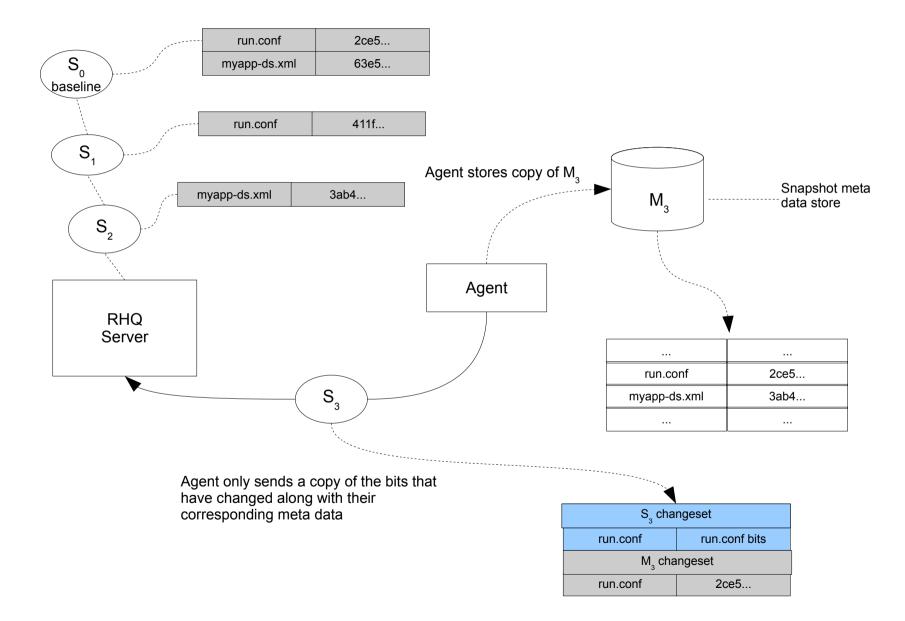


User modifies myapp-ds.xml

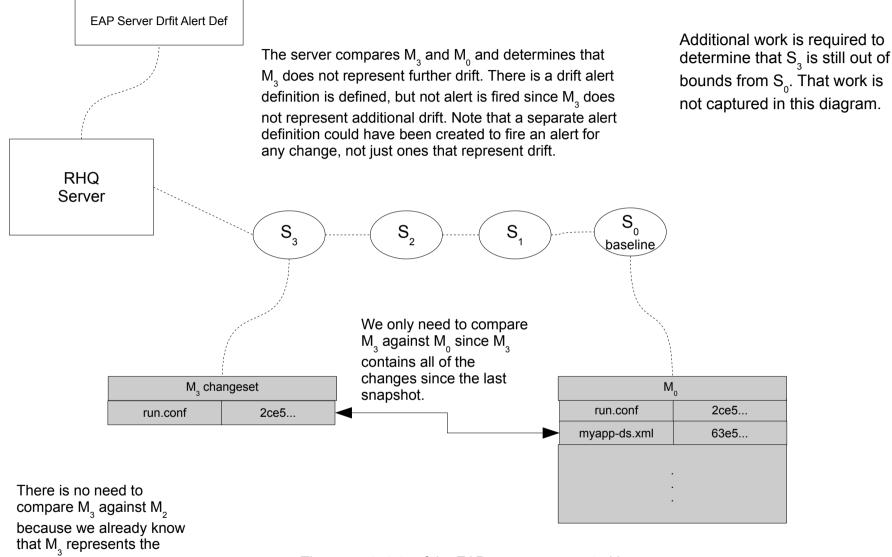




User increases max heap size to original value



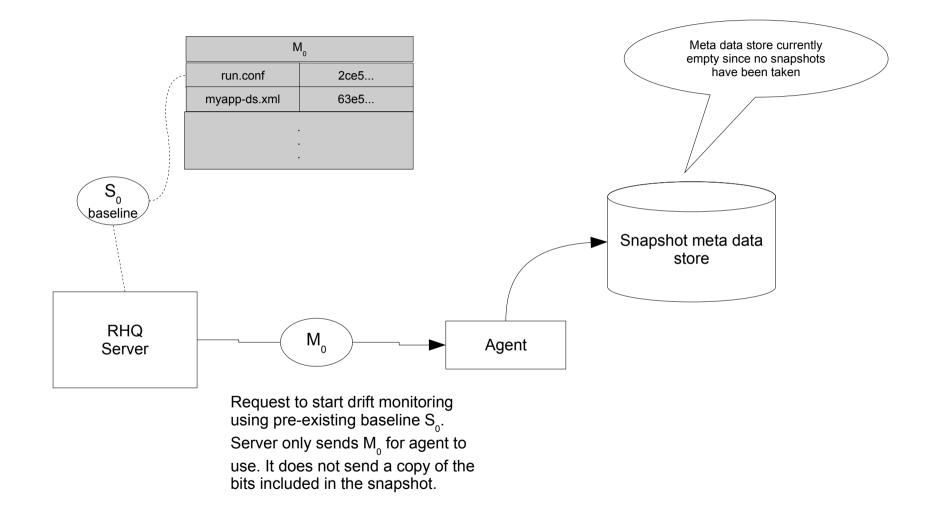
Server compares M_3 with M_0

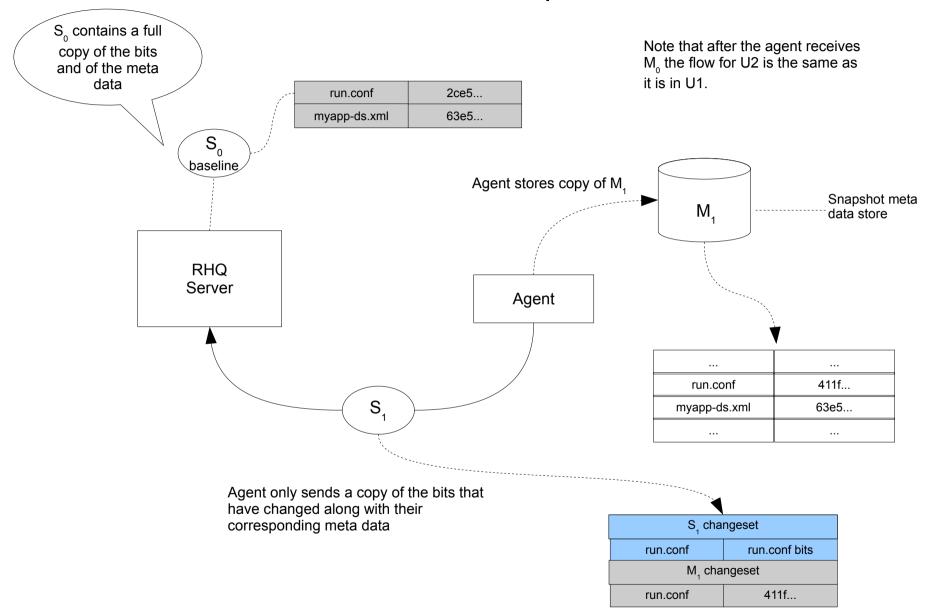


The current state of the EAP server represented by S_3 does not equal S_0 ; however, there is an equivalence between M_3 and M_0 since the changes in M_3 match corresponding values in M_0 . We therefore say that M_3 is an in-bound change.

changes since M₂.

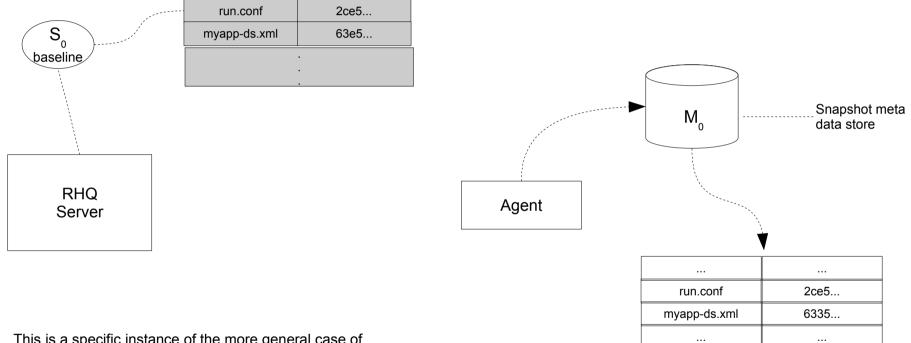
U2: Start drift monitoring for EAP server with pre-existing baseline snapshot





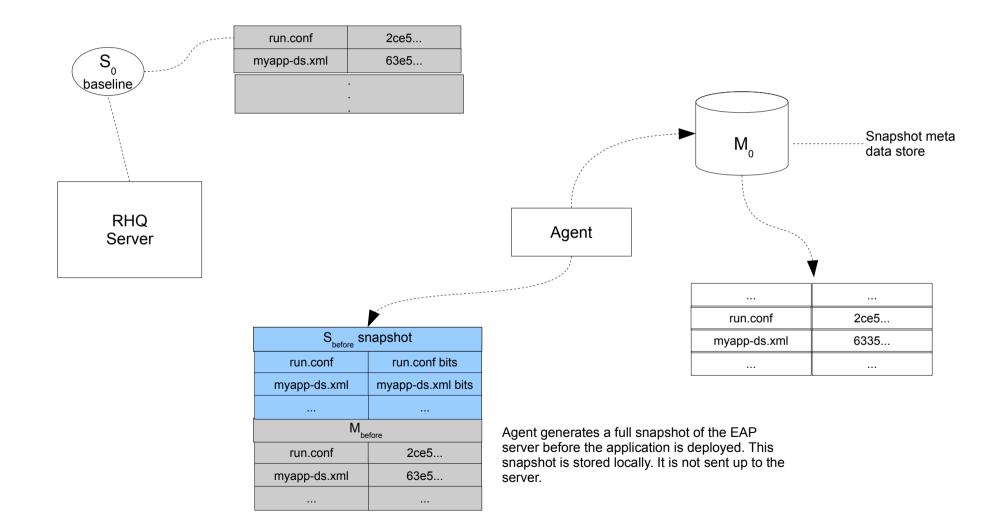
User lowers max heap size in run.conf

U3: Baseline snapshot exists and user wants to deploy application

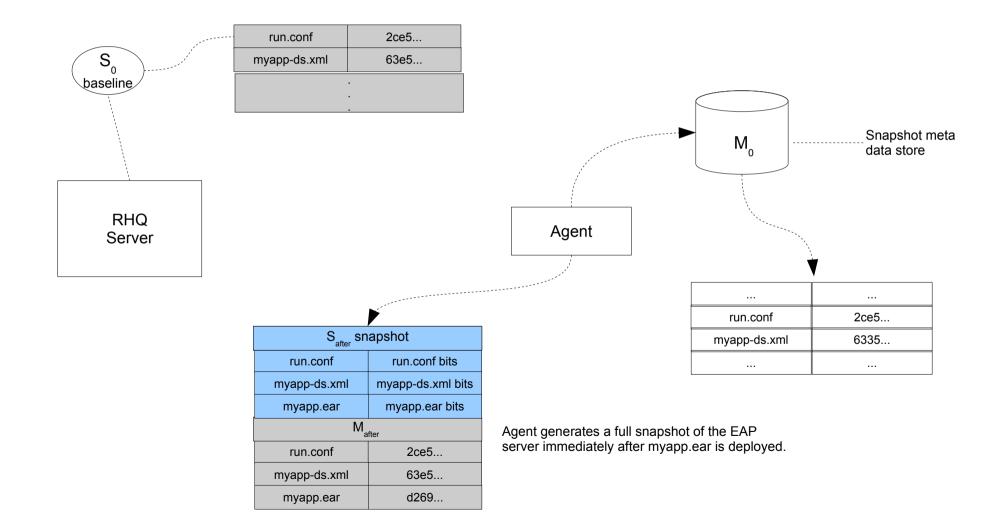


This is a specific instance of the more general case of applying a planned, expected change to a resource which has drift monitoring enabled. We want to apply the change while avoiding false drift detection. Applying planned configuration updates also falls under this use case.

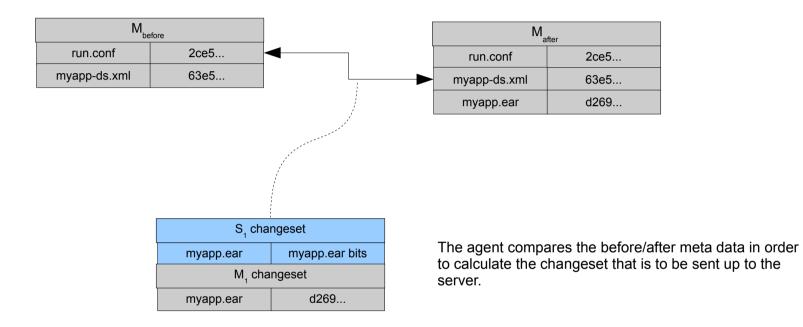
Agent takes snapshot before application is deployed



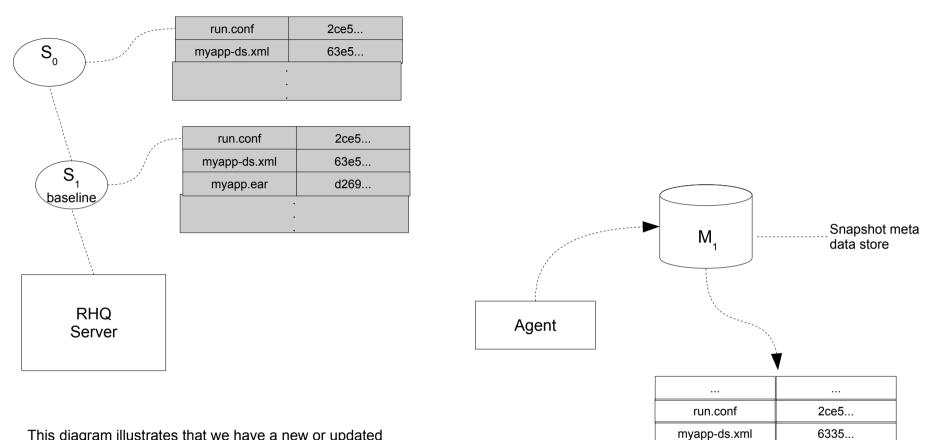
Agent takes snapshot after application is deployed



Agent compares before/after meta data



Server recalculates baseline



myapp.ear

...

d269...

...

This diagram illustrates that we have a new or updated baseline, but it does not specify how that happens. For example, is the change made to the existing baseline? Is a new baseline generated? Answers to these and other questions are left as implementation details.