

Priority: T1

Issue: Implementation: Data Locations

Description: The clearinghouse is expected to grow into a large database of information about trademarks and authorized contacts. When that information is needed during trademark claims service processing period, where will the data reside? What are the policies surrounding this data?

Requirements: (1) Avoid introduction of performance impacts that degrade domain name registration SLAs
(2) Minimize erroneous decisions introduced by data update delays

Approach	Advantages	Disadvantages
(1) Locate data at clearinghouse only	<ul style="list-style-type: none"> ▪ Maintain maximum confidentiality controls ▪ Only one party responsible and accountable 	<ul style="list-style-type: none"> ▪ Could introduce SLA problems for registries ▪ Could make clearinghouse critical infrastructure for domain registration processes ▪ Requires contingency process if clearinghouse is offline
(2) Distribute clearinghouse data to registries, registrars, or both to minimize performance impacts	<ul style="list-style-type: none"> ▪ Highest performance 	<ul style="list-style-type: none"> ▪ Data synchronization and update delays could introduce errors ▪ Multiple parties are responsible for the confidentiality and integrity of data