uc0401a0 : Wireframe 02a : View the Dashboard

<< uc0401a0 : The Readiness panel
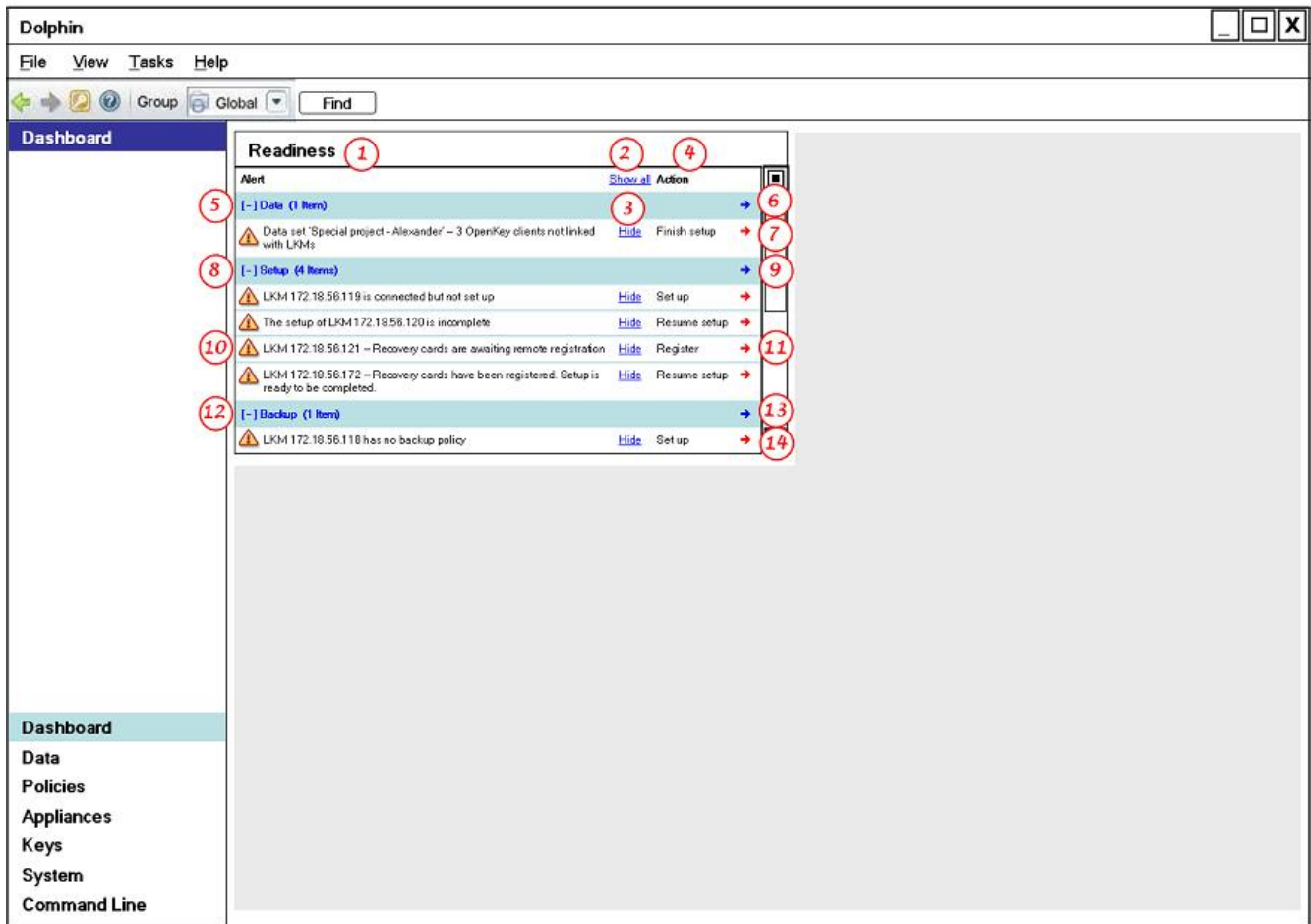
No.	Item	Description	Default
1	Alert	The alert message. Provides the following information: • The name of the component that needs to be configured • The name of the Dolphin element that the component is part of, if that's needed (e.g., if the component is an OpenKey client, the name of the data set whose availability pool it's in) • Its current state	--
2	Show All command	Shows all the alerts Larry has hidden using the Hide link. **Inactive** until Larry hides an alert.	Inactive
3	Hide command	Hides the associated alert. Always **active**.	Active
4	Action	The next action Larry needs to perform to set up the component named in the alert.	--
5	Data group heading	Heading that identifies alerts about data sets that aren't yet completely set up. **Hidden** if there are no alerts.	Hidden
6	Data group Go button	Displays the Data > Data Sets > Availability tab. Highlights the first data set with an alert. (See wireframe 02b , below; also see uc0502a0: add a data set, wireframe 23a). Always **active**.	Active
7	Data group item Go button	Displays the Data > Data Sets > Availability tab. Highlights the data set associated with the Go button. (See wireframe 02c , below). Always **active**.	Active
8	Setup group heading	Heading that identifies alerts about LKMs that aren't yet completely set up. **Hidden** if there are no alerts.	Hidden
9	Setup group Go button	Displays the Appliances > LKMs > Setup tab. Highlights the first LKM with an alert. (See wireframe 02d , below; also see uc0712a0: set up an uninitialized LKM, wireframe 02a).	Active

			Always **active**.
10	Alert icon	Marks every item in the panel. (Alert icons mark each item in a panel that needs Larry's attention -- which, in the case of the Readiness panel, is every item.)	--
		Note: The NetApp Management Console has established labels and icons to idenitfy the severity of events. Dolphin should follow the same model.	
11	Setup group item Go button	Displays the Appliances > LKMs > Setup tab. Highlights the LKM associated with the Go button.	Active
		Always **active**.	
12	Backup group heading	Heading that identifies alerts about LKMs whose backup policy isn't yet completely set up. **Hidden** if there are no alerts.	Hidden
13	Backup group Go button	Displays the Appliances > LKMs > Backup tab. Highlights the first LKM with an alert. (See wireframe 02e , below; also see uc0701a0: view LKM Backup tab, wireframe 02a).	Active
		Always **active**.	
14	Backup group item Go button	Displays the Appliances > LKMs > Backup tab. Highlights the LKM associated with the Go button.	Active

Info Provided

The Readiness panel provides the following **notifications**:

- An LKM has been detected but is not set up
  Example: `An LKM is on the network but isn't set up. Set it up.`
  The email version of the message would probably read something like:
  `An LKM is on the network but isn't set up. Set it up to enable it to manage data availability.`
- An LKM has been partially set up, but the process has not been completed
- The setup of an LKM is awaiting remote registration of its recovery cards
- An LKM's recovery cards have been registered remotely; the setup process is awaiting completion
- An LKM has no backup policy (can be deleted; a backup policy isn't required)
- Two LKMs that have a mutual backup policy are waiting to have a trust relationship established
- Two LKMs needing a trust relationship are waiting for remote authorization
- Two LKMs have had a trust relationship authorized remotely; are waiting for the process to be completed
- *Steps in the process of setting up a manual trust relationship between two LKMS*
- No data sets have been created (when at least one LKM has been set up)
- *Steps in the process of enrolling OpenKey clients and establishing trust relationships between them and LKMs*

Components Tracked

The Readiness panel tracks the stages in the configuration of:

- LKMs
- OpenKey clients (that is, their configuration insofar as it enables their interation with LKMs)
- Recovery cards
- Data sets

System Requirements

The system needs to be able to:

- Discover LKMs that are connected to the network but not set up
- Track the setup process of an LKM through to completion
- Track the set up of a trust relationship between two LKMs through to completion
- Track the enrollment process of an OpenKey client through to completion
- Track the set up of a trust relationship between an LKM and an OpenKey client through to completion
- Track the presence of data sets
- Link to the UI that a notification is associated with
- Enable Larry to delete notifications (and track which notifications have been delete, by admin)

Go Button Destinations

Data Group Go Button Destination -- the Data > Data Sets > Availability tab

Dolphin   ▢ ◻ ☒

File   View   Tasks   Help

⬅ ➡ 🔄 ❓   Group 🗗 Global ▾   [Find]

Data
> Data Sets
> Unavailable Data

Data - Data Sets

| Availability | Key Rotation |

[Add Data Set]   [Delete Data Set]   [Add Child]   [Set Availability Policy]   [Share Keys Manually]

Data Set	Availability Policy	Availability Status	Action	Details	▣
◆ Customer account data	Mutual availability	⚠ OpenKey clients not linked with LKMs.	Finish setup	⋯	▲
◢◆ Employee data - US	Mutual availability	OK	—		
◆ Employee data – Canada	Mutual availability	OK	—		
◢◆ Special projects - US	Mutual availability	OK	—		
◆ Special project - Alexander	Mutual availability	⚠ OpenKey clients not linked with LKMs.	Finish setup	⋯	
◢◆ Special project - Boadicea	Mutual availability	OK	—		
◆ Special project - Canute	Manual availability	OK	—	▼

```
◢◆ Employee data US                                              ▲
    ▦ ekm-3050-1:san
    ▦ fas0940c-2:aggr1
    ▦ fas0940c-2:vol0
    ▦ fas940c-1:aggr1
    ▦ fas940c-1:dst
◢◆ Employee data - Canada
    ▦ ekm-3050-1:aggr0
    ▦ ekm-3050-1:san
    ▦ fas0940c-2:aggr1
    ▦ fas0940c-2:vol0                                            ▼
```

Availability
Policy

Available   Availability
Data   Pool

Managing LKM

[Add Data]   [Move Data]   [Remove Data]

| Available Data | Managing LKM | Availability Pool |

Dashboard
Data
Policies
Appliances
Keys
System
Command Line

Data Item Go Button Destination -- the Data > Data Sets > Availability tab with item selected

Dolphin

File   View   Tasks   Help

Group Global ▼   [Find]

Data
> Data Sets
> Unavailable Data

Data - Data Sets

| Availability | Key Rotation |

[Add Data Set]   [Delete Data Set]   [Add Child]   [Set Availability Policy]   [Share Keys Manually]

Data Set	Availability Policy	Availability Status	Action	Details
◆ Customer account data	Mutual availability	⚠ OpenKey clients not linked with LKMs.	Finish setup	...
◢◆ Employee data - US	Mutual availability	OK	—	
◆ Employee data - Canada	Mutual availability	OK	—	
◢◆ Special projects - US	Mutual availability	OK	—	
◆ Special project - Alexander	Mutual availability	⚠ OpenKey clients not linked with LKMs.	Finish setup	...
◢◆ Special project - Boadicea	Mutual availability	OK	—	
◆ Special project - Canute	Manual availability	OK	—	

◢◆ Employee data US
    ▦ ekm-3050-1:san
    ▦ fas0940c-2:aggr1
    ▦ fas0940c-2:vol0
    ▦ fas940c-1:aggr1
    ▦ fas940c-1:dst
◢◆ Employee data - Canada
    ▦ ekm-3050-1:aggr0
    ▦ ekm-3050-1:san
    ▦ fas0940c-2:aggr1
    ▦ fas0940c-2:vol0

Availability Policy

Available Data   Availability Pool

Managing LKM

[Add Data]   [Move Data]   [Remove Data]

| Available Data | Managing LKM | Availability Pool |

Dashboard
Data
Policies
Appliances
Keys
System
Command Line

Setup Group Go Button Destination -- the Appliances > LKMs > Setup tab

Dolphin   [_] [□] [X]

File   View   Tasks   Help

◄ ► 🔍 ❓ | Group 🔲 Global ▼ | [Find]

Appliances
> LKMs
> Clients
> Links

Appliances - LKMs

| Backup | Setup | Admins | Licenses | Recovery Cards | Software |

[Add] [Remove]   [Set Up]   [Log In] [Log Out]   [Reboot] [Zeroize]

Name	Status	Action	Details	IP Address	Serial Number	◙
lkm-sm19.engtest.decru.com	Online. Logged in.			172.18.56.119	3005400011541	▲
lkm-sm20.engtest.decru.com	Online. Logged in.			172.18.56.120	3005400011542	
172.82.64.010	⚠ Online. **Not set up**	Setup	[...]	172.82.64.010	—	▼

Network Information

Client NIC IP Address	172.82.64.010
Hostname	
Client NIC Netmask	
Client NIC Gateway	
File Server NIC Address	
File Server NIC Netmask	
VRID Offset	

Optional Network Information

DNS Suffix	
DNS Search Path(s)	
DNS	

ⓘ To get started, set up this LKM.

[Network Settings] [Certificate]

Dashboard
Data
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Backup Group Go Button Destination -- the Appliances > LKMs > Backup tab

-- JeffreySchwamberger - 10 Oct 2008

r2 - 14 Oct 2008 - 08:46:04 - JeffreySchwamberger

I	Attachment	Action	Size	Date	Who	Comment
📄	uc0401a0_wireframe_02a.JPG	manage	60.8 K	10 Oct 2008 - 10:39	JeffreySchwamberger	
📄	uc0401a0_wireframe_02b.JPG	manage	94.1 K	10 Oct 2008 - 10:53	JeffreySchwamberger	
📄	uc0401a0_wireframe_02c.JPG	manage	93.4 K	10 Oct 2008 - 10:55	JeffreySchwamberger	
📄	uc0401a0_wireframe_02d.JPG	manage	83.2 K	10 Oct 2008 - 10:56	JeffreySchwamberger	
📄	uc0401a0_wireframe_02e.JPG	manage	81.6 K	10 Oct 2008 - 10:57	JeffreySchwamberger	