

# Network (Push) Distribution Scenario (nominal)

User	System	Operator
	(successful operational path)	
	All of the messages listed below go to a log file which may be viewed by operations personnel.	Specific alerts requiring operator intervention are <i>shown in italics</i> .
	User actions leading to an acquire (push transfer) request in Step 1 can be analogous to step 1 in the Data Pull Scenario	
Aug. 28, 1997, 14:00 John Researcher at the University of Maryland requests a PUSH transfer of a single CERES 12aF product (produced Aug. 27, 1997) John provides his site address, log-on ID and password	1) LaRC Data Server receives a PUSH Data Distribution Request from John Researcher for a single CERES 12aF product (334 MB in 24 files)  LOG: receipt time - Aug. 28, 1997, 14:00; req. ID; requestor - John Researcher, UM; request type - acquire; request state - queued	Review the log and the queue record at operator's discretion
	2) Retrieve Data from Persistent Storage Retrieve Associated Metadata  LOG: receipt time - Aug. 28, 1997, 14:00; req. ID; requestor - John Researcher, UM; request type - acquire; request state - processing	Review the log and the queue record at operator's discretion

# Network (Push) Distribution Scenario (nominal) (cont.)

User	System	Operator
	2) continued (Recalculate and compare file checksum)	
	Upon completion of staging do (3) if available	Operator can manually change M - medium
		priority of the request to L - low, or H - high
	LOG: receipt time - Aug. 28, 1997, 14:00; req. ID;	
	requestor - John Researcher, UM;	
	site - johns_machine; log-on ID - johnnyr;	
	request state - pending; 3 files; 836 MB	
	QUEUE: Aug. 28, 1997, 11:30; req. ID;	
	John Researcher; 3 files; 836 MB;	
	priority -M; media type - PUSH;	
	state - pending	
	3) Apply Data Services, such as reformatting,	
	requestor conversion, subsetting (not A), etc.	
	4) Log-on to destination machine (johns_machine)	
	Transfer requested files	Review the log and the queue record at
		operator's discretion
	LOG: receipt time - Aug. 28, 1997, 14:00; req. ID;	
	requestor - John Researcher, UM;	
	site - johns_machine; log-on ID - johnnyr;	
	request state - active; 3 files; 836 MB	
	QUEUE: Aug. 28, 1997, 11:30; req. ID;	
	John Researcher; 3 files; 836 MB;	
	priority -M; media type - PUSH;	
	state - active	
	Upon completion de-queue the request	

# Network (Push) Distribution Scenario (nominal) (cont.)

User	System	Operator
	5) Send an e-mail message to John Researcher:	Review the log and the queue record at
John Researcher receives the data he requested and an e-mail notification of completion	"request complete". Log-off.	operator's discretion
	LOG: receipt time - Aug. 28, 1997, 14:00; req. ID;	
	requestor - John Researcher, UM;	
	site - johns_machine; log-on ID - johnnyr;	
	request state - shipped; 3 files; 836 MB	