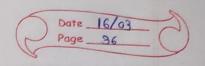
1.>	Study about the following Distributed File systems
	(A) The Sun Nowork File System (NFS)
	O This Pile system was developed by sun microsystem to
de l	On network file system is a network & abstraction over a file system that allower a remote client
	to access it over a network in a similar way to
Aniliai	(3) the Network-File-Syrkm (NF3) is client somer application (3) NFS used Remote Procedure call (RPC) to
rttrop	south requests between dients and servers.
53 ,9	G) In this a user con view, store, and update the files on a semote computer.
	NFS Model
	TOTAL
- Vings	File system Client
ant i	Network of NES Server File system
	! File system arent
	(Sun NFS)

(B)	The Sprik File System and Manage alloga man	
	1 Unix file system developed for diskless workstations with large memories at UCB. 2 Considers memory as huge cache of disk blocks. Memory is shared between file system and Vm. 3 Files are stored on sensors servers have a large memory that acts as a chicke as well. A on a read, the block may be found in local memory file cache, in server memory cache as an a file is being written by more than 1 machine.	isk
2.1	Client caching is turned off all orquests go to sen	1ev
	Mair Colding is indicated and	
(0)	Apollo Domain Distributed his system the system File Server halfic Screen traffic his cycle traffic	aftic
drien	to it readships and beneated and grown of the	
Seal S	Client Coche Coche	
	Disk Disk trashic	
3 61		
	Server Local	
	. Disk DISK	
	File caches in Sporte System	



(C) App Apollo DOMAIN System

- O Apollo domain system is fully operational distributed

 computing environment for a network of personal workstation

 and network server.
 - De When it was first developed in 1980, its distributed system to the system that provided west of auto namous workstations with the some ease of fix sharing they enjoyed with central time-sharing systems.

 Description while the nomain system has seen since been extended

to provide stronger base for additional distribund system

- When a new file is created, UID for that file is

 derived from the time of UID for that of the file's

 workstation. C Gaurantees uniqueness of UID)
- (Sq. "/home/dba/file 1" to DIDs. the name of the server can be distributed by repulcating it at multiple locations allowing dient to query the nearest server.
- 6 It used lookup table for storing the location & metadata of files can locate resources trivially by querying the lookup table.
- The table usually contains pointer to either the file itself or a server hosting the file who can in turn handle the file operation acquest.

(d)	Coda File System	K1
ol Ha	1 Developed by CMU sin in 1987.	25.1
L		La table de
<u> </u>	1 It is distributed file system with its origin in	AFS2
71	3 Feature of Coda	
	D reature of Coda	
	a Diaman III	
	1) Disconnected operation for mobile computing (2) Freely Available under a liberal licence	
	() DOM KONS	1 . 6
		187417
	Server replication	100 ·
	3 security model for authentication, encryption	
2	acces control.	
	@ Continued operation during partial network	Pailar
/ ¥ 3	in server network	je i i
	1) Network Bandwidth adaptation.	
	8 Good Scalability, performance & Reliability.	200
	9 Well defined semantics of sharing, even in	the
	pacsence of network failures.	
	X-	
Hital	The sent spice of the sent spice of the sent state of the sent spice of the spice of the sent spice of the sent spice of the sent spice of	CI.
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