

Current

Index	Size (TB)	Shards	Size/shard (GB)	Percentage
Files	4,2	20	215,0	95,82%
Directories	0,18	10	18,4	4,11%
Invalids	0,001	4	0,3	0,02%
Partials	0,002	1	2,0	0,05%
Total	4,383	35		

Given

Redundancy	3
Disk size (TB)	1,92
Disks/node	2
Max disk usage	85%
Master nodes	3
Max shard size (GB)	50
Ideal max shard size (GB)	25
Ideal min shard size (GB)	20
Min shard size (GB)	10
Heap memory (GB)	26
Shards/GB of heap	50

Derived

Replicas	2
Storage/node (TB)	3,84
Effective storage/node (TB)	3,26
Primary storage/node (TB)	1,09
Secondary storage/node (TB)	2,18
Max shards/node	1300

Variables

Total nodes	5
Master nodes	1
Sniffer nodes	1
Data nodes	3
Primary storage (TB)	3,26
Replica storage (TB)	6,53

Primary shards

Index	Size (TB)	Shards					Size/shard (GB)	Percentage
		Min	Ideal min	Chosen	Ideal max	Max		
Files	3,128	65	129	20	161	321	160,1	95,82%
Directories	0,134	3	6	10	7	14	13,7	4,11%
Invalids	0,001	1	1	4	1	1	0,2	0,02%
Partials	0,001	1	1	1	1	1	1,5	0,05%
Total	3,264	70	137	35	170	337		

Per node

Primary shards	12
Secondary shards	23
Total	35

Variables

Total nodes	15
Master nodes	3
Sniffer nodes	1
Data nodes	11
Primary storage (TB)	11,97
Replica storage (TB)	23,94

Primary shards

Index	Size (TB)	Shards					Size/shard (GB)	Percentage
		Min	Ideal min	Chosen	Ideal max	Max		
Files	11,468	235	470	1024	588	1175	11,5	95,82%
Directories	0,491	11	21	50	26	51	10,1	4,11%
Invalids	0,003	1	1	4	1	1	0,7	0,02%
Partials	0,005	1	1	1	1	1	5,6	0,05%
Total	11,968	248	493	1079	616	1228		

Per node

Primary shards	98
Secondary shards	196
Total	294

Variables

Total nodes	50
Master nodes	3
Sniffer nodes	1
Data nodes	46
Primary storage (TB)	50,05
Replica storage (TB)	100,10

Primary shards

Index	Size (TB)	Shards					Size/shard (GB)	Percentage
		Min	Ideal min	Chosen	Ideal max	Max		
Files	47,958	983	1965	1024	2456	4911	48,0	95,82%
Directories	2,055	43	85	50	106	211	42,1	4,11%
Invalids	0,011	1	1	1	1	2	11,7	0,02%
Partials	0,023	1	1	1	2	3	23,4	0,05%
Total	50,048	1028	2052	1076	2565	5127		

Per node

Primary shards	23
Secondary shards	47
Total	70

Variables

Total nodes	100
Master nodes	3
Sniffer nodes	3
Data nodes	94
Primary storage (TB)	102,27
Replica storage (TB)	204,54

Primary shards

Index	Size (TB)	Shards					Size/shard (GB)	Percentage
		Min	Ideal min	Chosen	Ideal max	Max		
Files	98,002	2008	4015	4096	5018	10036	24,5	95,82%
Directories	4,200	87	173	192	216	431	22,4	4,11%
Invalids	0,023	1	1	1	2	3	23,9	0,02%
Partials	0,047	1	2	2	3	5	23,9	0,05%
Total	102,272	2097	4191	4291	5239	10475		

Per node

Primary shards	46
Secondary shards	91
Total	137