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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'nvme-list-ns.1' command

$ man nvme-list-ns.1

NVME-ID-NS(1) NVMe Manual NVME-ID-NS(1)

NAME

nvme-list-ns - Send NVMe Identify List Namespaces, return result and structure

SYNOPSIS

nvme list-ns <device> [--namespace-id=<nsid> | -n <nsid>]
[--csi=<command_set_identifier> | -y <command_set_identifier>]
[--all | -a] [--output-format=<fmt> | -o <fmt>]

DESCRIPTION

For the NVMe device given, sends an identify command for namespace list and provides the result and returned structure.

The <device> parameter is mandatory and may be either the NVMe character device (ex: /dev/nvme0), or a namespace block device (ex: /dev/nvme0n1). If the starting namespace in the list always begins with 0 unless the '--namespace-id' option is given to override.

On success, the namespace array is printed for each index and nsid for a valid nsid.

OPTIONS

-n <nsid>, --namespace-id=<nsid>

Retrieve the identify list structure starting with the given nsid.

-y <command_set_identifier>, --csi=<command_set_identifier>

If this value is given, retrieve the identify list structure associated with the specified I/O command set.

-a, --all

Retrieve the identify list structure for all namespaces in the

subsystem, whether attached or inactive.

-o <format>, --output-format=<format>

Set the reporting format to normal, or json. Only one output format

can be used at a time.

EXAMPLES

? Print the namespaces present for zoned command set in JSON format

nvme list-ns /dev/nvme0 -y 2 -a -o json

? Print the namespaces present for NVM Command Set in normal format

nvme list-ns /dev/nvme0

NVME

Part of the nvme-user suite

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