ps axZid -Z

The Is -I command output format

Fields	-	rw-	r	r			1	jdoe	staff	5111	9 Jun 14:30	readme.rst.txt
	Device Type:	Owner Group		Word	Optional Extra field			ownership				
dote: use the nfo 1s ommand to see nore information elated to your system. ee Also: @@wikipedia with all the lentified external links.	 Regular file. Block special file. Character special file. High performance (contiguous data) file. Door (Solaris). (letter 1) Symbolic link. M Off-line (migrated) file (Cray DMF). Network special file (HP-UX). P FIFO (named pipe). P Port (Solaris). Socket. Some other file type. 	Permission read, vrite, other: S: ID ar are b S: ID is exect t: stick bit, a delete stick xtick exect xtick none	If the set- nd corresponds set. If the set- set but the cutable bit is If the rest by bit, and t are both set tion flag is by bit. If the rest by bit is set cutable bit is	ricted deletion flag or ne other-executable. The restricted another name of the ricted deletion flag or but the other- s not set. cutable bit is set and we apply.	• @ • %	has extended attributes. dataless file or directory. inux only: Flag that file has SELinux security context The SELinux context is shown with Is -Z option.	of links or directories	User ownership: user that owns the file or directory	Group ownership	Size in bytes. With 1s -1h, size format is human readable with units: • k : kilo • M : mega • G : giga	Date of last modification. Date format might be affected by the LANG environment variable. On Linux, you can change the date format with the —time-style option. For example: ls -1time-style="long-iso"	Name of the file.
xtra Notes:	 POSIX File System Permissions In and S bits identify whether the set user ID or set group ID permissions are active. The s and S bits identify whether the set user ID or set group ID permissions are active. The s and S bits identify whether the set user ID or set group ID permissions are active. The s and S bits identify whether the set user ID or set group ID permissions are active. For example, if the user ownership is root and the s bit is set, another user will be able to run the program as if it was root. This permission is therefore a security risk and should be restricted to the programs that absolutely require this (as sudo does for example). 											hip fields).
SELinux: With -Z option:	 SELinux security context Shown only with the -Z option between the ownership and size for the Is -I output. This is where the _ is shown in the first row. 	• ? The ? is displayed when the file has no associated <u>SELinux security context</u> .										
		SELinux contexts follow the SELinux user:role:type:level syntax with the following fields (as described in the SELinux RedHat web page:										
		• user (
		• role (r)	The SELinux role .	This c	This can be associated to one or more types the SELinux user is allowed to access.						
		• type (t)	The <u>SELinux type</u> of the file (the <u>SELinux object</u>). It defines what access permissions the SELinux user has to that object.								
		• level		 SELinux security level field (or range). It is only present if the policy supports MCS or MLS. The entry can consist of: A single security level that contains a sensitivity level and zero or more categories (e.g. s0, s1:c0, s7:c10.c15). A range that consists of two security levels (a low and high) separated by a hyphen (e.g. s0 - s15:c0.c1023). 								