		XVD File Form	nat	
Start Offset	Subsection Offset	Size	Section Description	
		HEADER SIGNAT		
0x000	0x00	0x200 HEADER	Microsoft RSA signature of the hash of the header	
	0x00	uint64	"MSFT-XVD" Magic	
	0x08	uint32	Volume Flags	
	0x0C	uint32	Format Version	
	0x10	int64	Time of Creation of the file	
	0x18	uint64	Drive Size •	
	0x20 0x30	16 bytes 16 bytes	ContentID UserID	
	0x30 0x40	32 bytes	Top Hash of the Hash Tree •	
	0x60	32 bytes	Hash of XVC(?) pre hash tables	
	0x80	uint32	XVD Type (Fixed / Dynamic)	
	0x84	uint32	XVD Content Type	
	0x88	uint32	Embedded XVD Length •	
	0x8C	uint32	User Data Length •	
	0x90 0x94	uint32 uint32	XVC Data Length  Dynamic Header Length	
	0x94 0x98	uint32	Block Size (always 0x000AA000)	
	0x9C	24 bytes each	XvdExtEntry Array (03)	
	0xFC	uint16 each	Capabilities Array( 07)	
	0x10C	0x20	PECatalogHash	
	0x12C	0x10	EmbeddedXVD's PDUID	
	0x13C	0x10 0x20	Reserved	
x200	0x14C 0x16C	0x20 0x20	KeyMaterial  Persistent Local Storage Hash	
	0x18C	0x10	Sandbox ID	
	0x19C	0x10	Product ID	
	0x1AC	0x10	Build ID	
	0x1C2	uint16 each	PkgVer1 PkgVer2 PkgVer3 PkgVer4	
	0x1C4	uint16 each (total 4 * 4 * uint16)	PECatalogCap (16)	
	0x1E4 0x264	0x80 (4 * 32) uint32	PECatalogs  Writeable Expiration Date	
	0x268	uint32	Writeable Policy Flags	
	0x26C	uint32	Persistent Local Storage Size •	
	0x270	uint8	Windows 10	
			MutableDataPageCount    Windows 10	
	0x271	uint8	Windows 10 Unknown	
	0x272	0x10	Unknown	
	0x282	0xA	Reserved	
	0x28C	int64	Sequence Number	
	0x294	uint64	Required Xbox System Version OdkIndex / OdkID	
	0x29C 0x2A0	uint32 0xB54	Reserved	
	0x2A0 0xDF4	uint32	Resilient Data Offset	
	0xDFC	uint32	Resilient Data Lenght	
		EMBEDDED XVD [O	PTIONAL]	
0xE00		Optional additional XVD. Mostly unused except for games ( XVC files).		
	USER DATA [OPTIONAL]  Optional section that can contain extra data. Contains the VBI			
xE00		bootloader in XVD that are of type SystemOS		
		HASH TREE [OPT		
E00		Tree-like data structure used for integrity		
	PERSISTENT LOCAL STORAGE [OPTIONAL]			
)xE00		Optional section that might contain writable data. No		
XLUU		use cases discovered (Size always 0)		
		Actual XVD Data // Bare		
	0x0	Only exists if XvdType is dynamic	BAT (Block Allocation Table)	
0xE00	0x?	Variable. First sector is just read from the start of the disk. The rest are read from the BAT	NTFS Partition(s)	
		from the BAT		

Windows 10
Only present in XVDs available in Windows 10 and newer OS revisions.

(u)int8: 1 byte

(u)int16: 2 bytes

(u)int32: 4 bytes

(u)int64: 8 bytes